

# COMPUTATION OF $p$ -ADIC MZV'S ( $p \leq 37$ かつ重さ $\leq 12$ のとき)

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以下では,  $p$  進 MZV  $\zeta_p(k_1, \dots, k_n)$  の index  $(k_1, \dots, k_n)$  について,  $k_n \geq 2$  のときに収束 index となる流儀を採用している.

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1.  $p = 2$  CASE

## 1.1. weight 0 case.

$$\zeta_2([\ ])=\zeta_2()=1+O(2^{20})$$

## 1.2. weight 1 case.

$$\zeta_2([1])=\zeta_2(1)=O(2^{20})$$

## 1.3. weight 2 case.

$$\zeta_2([1, 0])=\zeta_2(2)=O(2^{20})$$

$$\zeta_2([1, 1])=\zeta_2(1, 1)=O(2^{20})$$

## 1.4. weight 3 case.

$$\zeta_2([1, 0, 0])=\zeta_2(3)=2+2^2+2^4+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20})$$

$$\zeta_2([1, 0, 1])=\zeta_2(2, 1)=2^2+2^4+2^6+2^7+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20})$$

$$\zeta_2([1, 1, 0])=\zeta_2(1, 2)=2+2^2+2^4+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20})$$

$$\zeta_2([1, 1, 1])=\zeta_2(1, 1, 1)=O(2^{20})$$

## 1.5. weight 4 case.

$$\zeta_2([1, 0, 0, 0])=\zeta_2(4)=O(2^{20})$$

$$\zeta_2([1, 0, 0, 1])=\zeta_2(3, 1)=O(2^{20})$$

$$\zeta_2([1, 0, 1, 0])=\zeta_2(2, 2)=O(2^{20})$$

$$\zeta_2([1, 0, 1, 1])=\zeta_2(2, 1, 1)=O(2^{20})$$

$$\zeta_2([1, 1, 0, 0])=\zeta_2(1, 3)=O(2^{20})$$

$$\zeta_2([1, 1, 0, 1])=\zeta_2(1, 2, 1)=O(2^{20})$$

$$\zeta_2([1, 1, 1, 0])=\zeta_2(1, 1, 2)=O(2^{20})$$

$$\zeta_2([1, 1, 1, 1])=\zeta_2(1, 1, 1, 1)=O(2^{20})$$

## 1.6. weight 5 case.

$$\zeta_2([1, 0, 0, 0, 0]) = \zeta_2(5) = 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 1]) = \zeta_2(4, 1) = 2^2 + 2^3 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{15} + 2^{17} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 1, 0]) = \zeta_2(3, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^9 + 2^{11} + 2^{12} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 1, 1]) = \zeta_2(3, 1, 1) = 2 + 2^4 + 2^5 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 0, 0]) = \zeta_2(2, 3) = 2 + 2^2 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 0, 1]) = \zeta_2(2, 2, 1) = 2^3 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 1, 0]) = \zeta_2(2, 1, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^9 + 2^{11} + 2^{12} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 1, 1]) = \zeta_2(2, 1, 1, 1) = 2^4 + 2^7 + 2^8 + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 1, 0, 0, 0]) = \zeta_2(1, 4) = 2^3 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 1, 0, 0, 1]) = \zeta_2(1, 3, 1) = 2 + 2^4 + 2^5 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 1, 0, 1, 0]) = \zeta_2(1, 2, 2) = 2 + 2^2 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 1, 0, 1, 1]) = \zeta_2(1, 2, 1, 1) = 2^3 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 1, 1, 0, 0]) = \zeta_2(1, 1, 3) = 2^3 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 1, 1, 0, 1]) = \zeta_2(1, 1, 2, 1) = 2^4 + 2^7 + 2^8 + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 1, 1, 1, 0]) = \zeta_2(1, 1, 1, 2) = 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 1, 1, 1, 1]) = \zeta_2(1, 1, 1, 1, 1) = O(2^{20})$$

## 1.7. weight 6 case.

$$\zeta_2([1, 0, 0, 0, 0, 0]) = \zeta_2(6) = O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1]) = \zeta_2(5, 1) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 1, 0]) = \zeta_2(4, 2) = 2^2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 1, 1]) = \zeta_2(4, 1, 1) = 2 + 2^2 + 2^3 + 2^9 + 2^{11} + 2^{12} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 1, 0, 0]) = \zeta_2(3, 3) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 1, 0, 1]) = \zeta_2(3, 2, 1) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 1, 1, 0]) = \zeta_2(3, 1, 2) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 1, 1, 1]) = \zeta_2(3, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 0, 0, 0]) = \zeta_2(2, 4) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 0, 0, 1]) = \zeta_2(2, 3, 1) = 2^2 + 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 0, 1, 0]) = \zeta_2(2, 2, 2) = O(2^{20})$$

$$\zeta_2([1, 0, 1, 0, 1, 1]) = \zeta_2(2, 2, 1, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 1, 0, 0]) = \zeta_2(2, 1, 3) = 2 + 2^3 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 1, 0, 1]) = \zeta_2(2, 1, 2, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 1, 1, 1, 0]) = \zeta_2(2, 1, 1, 2) = 2^2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{19} + O(2^{20})$$

$$\begin{aligned}
& \zeta_2([1, 0, 1, 1, 1, 1]) = \zeta_2(2, 1, 1, 1, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 0, 0, 0, 0]) = \zeta_2(1, 5) = 2 + 2^2 + 2^3 + 2^9 + 2^{11} + 2^{12} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 0, 0, 1]) = \zeta_2(1, 4, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 0, 1, 0]) = \zeta_2(1, 3, 2) = 2 + 2^3 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 0, 1, 1]) = \zeta_2(1, 3, 1, 1) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 1, 0, 0]) = \zeta_2(1, 2, 3) = 2^2 + 2^3 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 1, 0, 1]) = \zeta_2(1, 2, 2, 1) = 2^4 + 2^5 + 2^6 + 2^{12} + 2^{14} + 2^{15} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 1, 1, 0]) = \zeta_2(1, 2, 1, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 1, 0, 1, 1, 1]) = \zeta_2(1, 2, 1, 1, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 0, 0, 0]) = \zeta_2(1, 1, 4) = 2^2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 0, 0, 1]) = \zeta_2(1, 1, 3, 1) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 0, 1, 0]) = \zeta_2(1, 1, 2, 2) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 0, 1, 1]) = \zeta_2(1, 1, 2, 1, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 0, 0]) = \zeta_2(1, 1, 1, 3) = 2 + 2^2 + 2^3 + 2^9 + 2^{11} + 2^{12} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 0, 1]) = \zeta_2(1, 1, 1, 2, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 0]) = \zeta_2(1, 1, 1, 1, 2) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 1]) = \zeta_2(1, 1, 1, 1, 1, 1) = O(2^{20})
\end{aligned}$$

### 1.8. weight 7 case.

$$\begin{aligned}
& \zeta_2([1, 0, 0, 0, 0, 0, 0]) = \zeta_2(7) = 2^5 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 1]) = \zeta_2(6, 1) = 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 0]) = \zeta_2(5, 2) = 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 1]) = \zeta_2(5, 1, 1) = 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 0]) = \zeta_2(4, 3) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 1]) = \zeta_2(4, 2, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 1, 0]) = \zeta_2(4, 1, 2) = 2^2 + 2^4 + 2^{12} + 2^{13} + 2^{14} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 1, 1]) = \zeta_2(4, 1, 1, 1) = 2 + 2^2 + 2^4 + 2^7 + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 0, 0, 0]) = \zeta_2(3, 4) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 0, 0, 1]) = \zeta_2(3, 3, 1) = 2^2 + 2^4 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 0, 1, 0]) = \zeta_2(3, 2, 2) = 2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 0, 1, 1]) = \zeta_2(3, 2, 1, 1) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 1, 0, 0]) = \zeta_2(3, 1, 3) = 2^3 + 2^4 + 2^5 + 2^7 + 2^{10} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 1, 0, 1]) = \zeta_2(3, 1, 2, 1) = 2 + 2^3 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 1, 1, 1, 0]) = \zeta_2(3, 1, 1, 2) = 2^2 + 2^4 + 2^{12} + 2^{13} + 2^{14} + O(2^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1) = 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 5) = 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 4, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 3, 2) = 2^2 + 2^3 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 3, 1, 1) = 2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 3) = 2 + 2^3 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 2, 1) = 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 2) = 2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1) = 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 4) = 2^2 + 2^4 + 2^5 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 3, 1) = 2 + 2^3 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 2) = 2^2 + 2^3 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 3) = 2 + 2^2 + 2^4 + 2^7 + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1) = 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2) = 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1) = 2^6 + 2^8 + 2^{12} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 6) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 5, 1) = 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 4, 2) = 2 + 2^2 + 2^4 + 2^7 + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 4, 1, 1) = 2^2 + 2^4 + 2^{12} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 3) = 2^2 + 2^4 + 2^{12} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 2, 1) = 2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 2) = 2^3 + 2^4 + 2^5 + 2^7 + 2^{10} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 4) = 2 + 2^2 + 2^4 + 2^5 + 2^7 + 2^{10} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 3, 1) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 2) = 2 + 2^3 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 3) = 2^2 + 2^4 + 2^{12} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1) = 2^5 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 5) = 2^5 + 2^7 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 4, 1) = 2 + 2^2 + 2^4 + 2^7 + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 2) = 2^2 + 2^4 + 2^5 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 3) = 2 + 2^2 + 2^4 + 2^5 + 2^7 + 2^{10} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1) = 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1) = 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 4) = 2^5 + 2^7 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1) = 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 2) = 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1) = 2^5 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1) = 2^6 + 2^8 + 2^{12} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2) = 2^5 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1) = O(2^{20})
\end{aligned}$$

### 1.9. weight 8 case.

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(8) = O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(7, 1) = 2^3 + 2^5 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(6, 2) = 2^4 + 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(6, 1, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(5, 3) = 2^3 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(5, 2, 1) = 2^4 + 2^9 + 2^{10} + 2^{11} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(5, 1, 2) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(5, 1, 1, 1) = 2^2 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(4, 4) = O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(4, 3, 1) = 2^3 + 2^4 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(4, 2, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(4, 2, 1, 1) = 2^3 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(4, 1, 3) = 2^2 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(4, 1, 2, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(4, 1, 1, 2) = 2^3 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(4, 1, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{10} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 5) = 2^5 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 4, 1) = 2^2 + 2^{10} + 2^{11} + 2^{13} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 3, 2) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 3, 1, 1) = 2^4 + 2^7 + 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 2, 3) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 2, 2, 1) = 2^3 + 2^4 + 2^6 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 2, 1, 2) = 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 2, 1, 1, 1) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 4) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 3, 1) = 2^2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 2, 2) = 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 2, 1, 1) = 2^2 + 2^3 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 3) = 2^4 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 2, 1) = 2^4 + 2^7 + 2^9 + 2^{11} + 2^{12} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 2) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 6) = 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 5, 1) = 2^2 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 4, 2) = 2^5 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 4, 1, 1) = 2^2 + 2^3 + 2^4 + 2^7 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 3, 3) = 2^2 + 2^3 + 2^4 + 2^5 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 3, 2, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 3, 1, 2) = 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 3, 1, 1, 1) = 2^4 + 2^{10} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 4) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 3, 1) = 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 2, 2) = O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 2, 1, 1) = 2^5 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 3) = 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 2, 1) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1) = 2^6 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 5) = 2^2 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 4, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 3, 2) = 2^3 + 2^5 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 3, 1, 1) = 2^4 + 2^7 + 2^{10} + 2^{12} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 3) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 2, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 2) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 4) = 2^3 + 2^9 + 2^{12} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 3, 1) = 2^3 + 2^4 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 2) = 2^5 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1) = 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 3) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{12} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1) = 2^6 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2) = 2^4 + 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 7) = 2^3 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 6, 1) = 2^3 + 2^6 + 2^9 + 2^{11} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 5, 2) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{12} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 5, 1, 1) = 2^4 + 2^6 + 2^7 + 2^9 + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 4, 3) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{12} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 4, 2, 1) = 2^3 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 4, 1, 2) = 2^4 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 4, 1, 1, 1) = 2^2 + 2^3 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 4) = 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 3, 1) = 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 2, 2) = 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 2, 1, 1) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 3) = O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 2, 1) = 2^2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{12} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 2) = 2^2 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1) = 2^4 + 2^7 + 2^{10} + 2^{12} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 5) = 2^3 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 4, 1) = 2^2 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 3, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 3, 1, 1) = 2^3 + 2^5 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 3) = 2^3 + 2^4 + 2^6 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 2, 1) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 2) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1) = 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 4) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 3, 1) = 2^4 + 2^5 + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 2) = 2^2 + 2^3 + 2^4 + 2^5 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1) = 2^4 + 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 3) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{12} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2) = 2^3 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 6) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 5, 1) = 2^2 + 2^3 + 2^5 + 2^{10} + 2^{12} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 4, 2) = 2^3 + 2^9 + 2^{12} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 4, 1, 1) = 2^2 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 3) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 2, 1) = 2^4 + 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 2) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 4) = 2^5 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 3, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 2) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1) = 2^5 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 3) = 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2) = O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 5) = 2^5 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 4, 1) = 2^2 + 2^3 + 2^5 + 2^{10} + 2^{12} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 2) = 2^2 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 3) = 2^3 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2) = 2^5 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
& \zeta_2([1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_2(1, 1, 1, 2, 1, 1, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_2(1, 1, 1, 1, 4) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_2(1, 1, 1, 1, 3, 1) = 2^5 + 2^6 + 2^7 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_2(1, 1, 1, 1, 2, 2) = 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_2(1, 1, 1, 1, 2, 1, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_2(1, 1, 1, 1, 1, 3) = 2^3 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_2(1, 1, 1, 1, 1, 2, 1) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_2(1, 1, 1, 1, 1, 1, 2) = O(2^{20}) \\
& \zeta_2([1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_2(1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20})
\end{aligned}$$

### 1.10. weight 9 case.

$$\begin{aligned}
& \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_2(9) = 2^5 + 2^6 + 2^7 + 2^8 + 2^{12} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_2(8, 1) = 2^5 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_2(7, 2) = 2^4 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_2(7, 1, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_2(6, 3) = 2^4 + 2^6 + 2^{11} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_2(6, 2, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{17} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_2(6, 1, 2) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_2(6, 1, 1, 1) = 2^2 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_2(5, 4) = 2^4 + 2^5 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_2(5, 3, 1) = 2^3 + 2^4 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_2(5, 2, 2) = 2^2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_2(5, 2, 1, 1) = 2 + 2^4 + 2^6 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_2(5, 1, 3) = 2^2 + 2^3 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_2(5, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_2(5, 1, 1, 2) = 2 + 2^3 + 2^4 + 2^6 + 2^9 + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_2(5, 1, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{12} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_2(4, 5) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{12} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_2(4, 4, 1) = 2^3 + 2^8 + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_2(4, 3, 2) = 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_2(4, 3, 1, 1) = 2 + 2^4 + 2^7 + 2^8 + 2^{12} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_2(4, 2, 3) = 2^5 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_2(4, 2, 2, 1) = 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + O(2^{20}) \\
& \zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_2(4, 2, 1, 2) = 2^3 + 2^5 + 2^7 + 2^9 + 2^{12} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(4, 2, 1, 1, 1) = 2^4 + 2^6 + 2^{11} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(4, 1, 4) = 2^5 + 2^6 + 2^9 + 2^{10} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(4, 1, 3, 1) = 2 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(4, 1, 2, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(4, 1, 2, 1, 1) = 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(4, 1, 1, 3) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(4, 1, 1, 2, 1) = 2^4 + 2^{12} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(4, 1, 1, 1, 2) = 2 + 2^3 + 2^4 + 2^6 + 2^9 + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(4, 1, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 6) = 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 5, 1) = 2^3 + 2^4 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 4, 2) = 2^4 + 2^5 + 2^8 + 2^{15} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 4, 1, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 3, 3) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 3, 2, 1) = 2^3 + 2^4 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 3, 1, 2) = 2^3 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 3, 1, 1, 1) = 2^3 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 2, 4) = 2^3 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 2, 3, 1) = 2^2 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 2, 2, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 2, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 2, 1, 3) = 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 2, 1, 2, 1) = 2 + 2^3 + 2^5 + 2^8 + 2^{13} + 2^{14} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 2, 1, 1, 2) = 2^3 + 2^5 + 2^7 + 2^9 + 2^{12} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 2, 1, 1, 1) = 2^3 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 5) = 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 4, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 3, 2) = 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 3, 1, 1) = 2^3 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 2, 3) = 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 2, 2, 1) = 2 + 2^2 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 2, 1, 2) = 2^3 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 2, 1, 1) = 2^7 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 4) = 2 + 2^4 + 2^6 + 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 3, 1) = 2^2 + 2^9 + 2^{12} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 2, 2) = 2^3 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 2, 1, 1) = 2^3 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 3) = 2 + 2^2 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 2, 1) = 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 2) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1) = 2^4 + 2^5 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 7) = 2^4 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 6, 1) = 2^2 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 5, 2) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 5, 1, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 4, 3) = 2^3 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 4, 2, 1) = 2^2 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 4, 1, 2) = 2^3 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 4, 1, 1, 1) = 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 3, 4) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 3, 3, 1) = 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 3, 2, 2) = 2 + 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 3, 2, 1, 1) = 2 + 2^3 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 3, 1, 3) = 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 3, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^7 + 2^{11} + 2^{12} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 3, 1, 1, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 3, 1, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 5) = 2^2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 4, 1) = 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 3, 2) = 2 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 3, 1, 1) = 2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 2, 3) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 2, 2, 1) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 2, 1, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 2, 1, 1, 1) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 4) = 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 3, 1) = 2 + 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 2, 2) = 2 + 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 2, 1, 1) = 2^6 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 3) = 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 2, 1) = 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 2) = 2^2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1) = 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 6) = 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 5, 1) = 2 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 4, 2) = 2^3 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 4, 1, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 3, 3) = 2^3 + 2^5 + 2^9 + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 3, 2, 1) = 2 + 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 3, 1, 2) = 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 3, 1, 1, 1) = 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 4) = 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 3, 1) = 2 + 2^3 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 2, 2) = 2 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 2, 1, 1) = 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 3) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 2, 1) = 2^5 + 2^7 + 2^{10} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 2) = 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1) = 2^5 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 5) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 4, 1) = 2^5 + 2^6 + 2^7 + 2^{11} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 3, 2) = 2^3 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 3, 1, 1) = 2^4 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 3) = 2^2 + 2^3 + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 2, 1) = 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 2) = 2^4 + 2^5 + 2^8 + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 4) = 2 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 3, 1) = 2^2 + 2^3 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 2) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 3) = 2^2 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1) = 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2) = 2^4 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1) = 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 8) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 7, 1) = 2^3 + 2^5 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 6, 2) = 2^2 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 6, 1, 1) = 2^2 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 5, 3) = 2^2 + 2^3 + 2^4 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 5, 2, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 5, 1, 2) = 2 + 2^2 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 5, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 4, 4) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 4, 3, 1) = 2 + 2^4 + 2^6 + 2^8 + 2^{11} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 4, 2, 2) = 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 4, 2, 1, 1) = 2^2 + 2^6 + 2^7 + 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 4, 1, 3) = 2 + 2^2 + 2^3 + 2^5 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 4, 1, 2, 1) = 2^2 + 2^3 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 4, 1, 1, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 4, 1, 1, 1, 1) = 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 5) = 2^3 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 4, 1) = 2 + 2^2 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 3, 2) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 3, 1, 1) = 2^3 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 2, 3) = 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 2, 2, 1) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 2, 1, 2) = 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 2, 1, 1, 1) = 2^7 + 2^8 + 2^{10} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 4) = 2 + 2^2 + 2^3 + 2^6 + 2^7 + 2^{10} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 3, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^9 + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 2, 2) = 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 2, 1, 1) = 2^2 + 2^4 + 2^5 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 3) = 2 + 2^2 + 2^3 + 2^5 + 2^9 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 2, 1) = 2^4 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 2) = 2^2 + 2^3 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1) = 2^4+2^5+2^8+2^9+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 6) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 5, 1) = 2+2^2+2^3+2^6+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 4, 2) = 2^2 + 2^3 + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 4, 1, 1) = 2^3+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 3, 3) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 3, 2, 1) = 2+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 3, 1, 2) = 2^3+2^4+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 3, 1, 1, 1) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 4) = 2^2+2^3+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 3, 1) = 2+2^2+2^7+2^8+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 2, 2) = 2+2^2+2^3+2^4+2^6+2^7+2^9+2^{10}+2^{12}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 2, 1, 1) = 2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 3) = 2^4+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 2, 1) = 2^4+2^6+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 2) = 2^5+2^{10}+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1) = 2^5+2^7+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 5) = 2+2^2+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 4, 1) = 2^3+2^8+2^9+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 3, 2) = 2^3 + 2^5 + 2^9 + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 3, 1, 1) = 2^2+2^4+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 3) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 2, 1) = 2^3+2^4+2^5+2^6+2^8+2^{10}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 2) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1) = 2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 4) = 2+2^4+2^6+2^8+2^{10}+2^{11}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 3, 1) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{12} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 2) = 2^3+2^6+2^8+2^{10}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1) = 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 3) = 2^2+2^3+2^4+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2) = 2^4+2^6+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1) = 2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 7) = 2^2+2^6+2^7+2^{10}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 6, 1) = 2^2+2^3+2^6+2^7+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 5, 2) = 2+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 5, 1, 1) = 2+2^2+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 4, 3) = 2+2^4+2^6+2^8+2^{10}+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 4, 2, 1) = 2^2+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 4, 1, 2) = 2+2^4+2^6+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 4, 1, 1, 1) = 2^6+2^7+2^8+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 4) = 2+2^3+2^4+2^6+2^9+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 3, 1) = 2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 2, 2) = 2^6+2^8+2^{10}+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 2, 1, 1) = 2^3+2^4+2^5+2^6+2^9+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 3) = 2+2^2+2^3+2^6+2^7+2^{10}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 2, 1) = 2^3+2^7+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 2) = 2^5+2^6+2^9+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1) = 2^4+2^6+2^7+2^8+2^9+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 5) = 2+2^2+2^4+2^6+2^7+2^9+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 4, 1) = 2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 3, 2) = 2^6+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 3, 1, 1) = 2^3+2^4+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 3) = 2^2+2^3+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 2, 1) = 2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 2) = 2^3+2^4+2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1) = 2^7+2^8+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 4) = 2+2^3+2^4+2^6+2^9+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 3, 1) = 2^7+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 2) = 2^3+2^4+2^5+2^6+2^7+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1) = 2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 3) = 2^3+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1) = 2^7+2^8+2^9+2^{10}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2) = 2^4+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1) = 2^8+2^9+2^{10}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 6) = 2^2+2^3+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 5, 1) = 2+2^4+2^5+2^7+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 4, 2) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 4, 1, 1) = 2^2+2^3+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 3) = 2+2^2+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 2, 1) = 2^2+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 2) = 2^5+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1) = 2^4+2^6+2^7+2^8+2^9+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 4) = 2+2^2+2^4+2^6+2^7+2^9+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 3, 1) = 2^3+2^6+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 2, 2) = 2^2+2^3+2^5+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1) = 2^5+2^7+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 3) = 2^3+2^6+2^8+2^9+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1) = 2^5+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2) = 2^4+2^5+2^6+2^7+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1) = 2^6+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 5) = 2^2+2^3+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 4, 1) = 2^2+2^3+2^4+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 2) = 2^7+2^9+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1) = 2^4+2^5+2^8+2^9+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 3) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1) = 2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2) = 2^4+2^6+2^7+2^8+2^{10}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1) = 2^8+2^9+2^{10}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 4) = 2^2+2^6+2^7+2^{10}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1) = 2^4+2^5+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2) = 2^4+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1) = 2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3) = 2^7+2^8+2^9+2^{10}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 1) = 2^8+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 2) = 2^5+2^6+2^7+2^8+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20})
\end{aligned}$$

## 1.11. weight 10 case.

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_2(10) = O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_2(9, 1) = 2^3 + 2^6 + 2^{10} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_2(8, 2) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_2(8, 1, 1) = 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_2(7, 3) = 2^4 + 2^5 + 2^8 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_2(7, 2, 1) = 2^2 + 2^4 + 2^7 + 2^{12} + 2^{13} + 2^{14} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_2(7, 1, 2) = 2^5 + 2^8 + 2^9 + 2^{11} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_2(7, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_2(6, 4) = 2^5 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_2(6, 3, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_2(6, 2, 2) = 2^6 + 2^7 + 2^8 + 2^{11} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_2(6, 2, 1, 1) = 2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_2(6, 1, 3) = 2^4 + 2^7 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_2(6, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_2(6, 1, 1, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_2(6, 1, 1, 1, 1) = 2 + 2^4 + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_2(5, 5) = 2^3 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{16} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_2(5, 4, 1) = 2^3 + 2^8 + 2^{11} + 2^{13} + 2^{16} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_2(5, 3, 2) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_2(5, 3, 1, 1) = 2^2 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_2(5, 2, 3) = 2^2 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_2(5, 2, 2, 1) = 2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_2(5, 2, 1, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{17} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_2(5, 2, 1, 1, 1) = 2^2 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_2(5, 1, 4) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{15} + 2^{18} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_2(5, 1, 3, 1) = 2^3 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_2(5, 1, 2, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_2(5, 1, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_2(5, 1, 1, 3) = 2^2 + 2^3 + 2^6 + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_2(5, 1, 1, 2, 1) = 2 + 2^2 + 2^5 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_2(5, 1, 1, 1, 2) = 2^3 + 2^4 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20})$$

$$\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_2(5, 1, 1, 1, 1, 1) = 2 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{18} + 2^{19} + O(2^{20})$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(4, 6) = 2^5 + 2^6 + 2^8 + 2^{11} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(4, 5, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(4, 4, 2) = 2^{10} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(4, 4, 1, 1) = 2^2 + 2^3 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(4, 3, 3) = 2^3 + 2^8 + 2^{10} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(4, 3, 2, 1) = 2^2 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(4, 3, 1, 2) = 2^2 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(4, 3, 1, 1, 1) = 2 + 2^6 + 2^7 + 2^8 + 2^{12} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(4, 2, 4) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(4, 2, 3, 1) = 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(4, 2, 2, 2) = 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(4, 2, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(4, 2, 1, 3) = 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(4, 2, 1, 2, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(4, 2, 1, 1, 2) = 2^3 + 2^7 + 2^9 + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(4, 2, 1, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^8 + 2^{10} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(4, 1, 5) = 2^3 + 2^4 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(4, 1, 4, 1) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(4, 1, 3, 2) = 2^3 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(4, 1, 3, 1, 1) = 2^2 + 2^4 + 2^6 + 2^9 + 2^{10} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(4, 1, 2, 3) = 2^3 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(4, 1, 2, 2, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(4, 1, 2, 1, 2) = 2 + 2^2 + 2^3 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(4, 1, 2, 1, 1, 1) = 2^3 + 2^4 + 2^6 + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(4, 1, 1, 4) = 2^4 + 2^6 + 2^8 + 2^{11} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(4, 1, 1, 3, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(4, 1, 1, 2, 2) = 2^2 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(4, 1, 1, 2, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(4, 1, 1, 1, 3) = 2^3 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(4, 1, 1, 1, 2, 1) = 2 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(4, 1, 1, 1, 1, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(4, 1, 1, 1, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 7) = 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 6, 1) = 2^2 + 2^4 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 5, 2) = 2^3 + 2^4 + 2^{10} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 5, 1, 1) = 2^3 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 4, 3) = 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 4, 2, 1) = 2^2 + 2^5 + 2^8 + 2^{11} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 4, 1, 2) = 2^2 + 2^3 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 4, 1, 1, 1) = 2 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 3, 4) = 2^3 + 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 3, 3, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 3, 2, 2) = 2 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 3, 2, 1, 1) = 2^2 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 3, 1, 3) = 2 + 2^3 + 2^5 + 2^8 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 3, 1, 2, 1) = 2 + 2^2 + 2^5 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 3, 1, 1, 2) = 2 + 2^2 + 2^3 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 3, 1, 1, 1, 1) = 2 + 2^6 + 2^7 + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 2, 5) = 2^2 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 2, 4, 1) = 2^3 + 2^4 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 2, 3, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 2, 3, 1, 1) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 2, 2, 3) = 2 + 2^2 + 2^3 + 2^4 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 2, 2, 2, 1) = 2^2 + 2^3 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 2, 2, 1, 2) = 2^2 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 2, 2, 1, 1, 1) = 2^2 + 2^5 + 2^7 + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 2, 1, 4) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 2, 1, 3, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 2, 1, 2, 2) = 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 2, 1, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 2, 1, 1, 3) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 2, 1, 1, 2, 1) = 2^2 + 2^{10} + 2^{11} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 2, 1, 1, 1, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 2, 1, 1, 1, 1, 1) = 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 6) = 2^5 + 2^7 + 2^9 + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 5, 1) = 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 4, 2) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{12} + 2^{13} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 4, 1, 1) = 2^3 + 2^4 + 2^8 + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 3, 3) = 2+2^2+2^4+2^5+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 3, 2, 1) = 2+2^2+2^4+2^5+2^7+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 3, 1, 2) = 2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 3, 1, 1, 1) = 2^4+2^5+2^7+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 2, 4) = 2^2+2^3+2^4+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 2, 3, 1) = 2+2^3+2^9+2^{11}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 2, 2, 2) = 2^3+2^8+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 2, 2, 1, 1) = 2+2^3+2^6+2^7+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 2, 1, 3) = 2+2^4+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 2, 1, 2, 1) = 2+2^3+2^5+2^6+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 2, 1, 1, 2) = 2^2+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 2, 1, 1, 1, 1) = 2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 5) = 2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 4, 1) = 2^3+2^4+2^5+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 3, 2) = 2+2^3+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 3, 1, 1) = 2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 2, 3) = 2^3+2^4+2^7+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 2, 2, 1) = 2^2+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 2, 1, 2) = 2^2+2^3+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 2, 1, 1, 1) = 2^8+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 4) = 2^3+2^5+2^6+2^{10}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 3, 1) = 2+2^5+2^6+2^7+2^8+2^{11}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 2, 2) = 2+2^2+2^{11}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 2, 1, 1) = 2^2+2^7+2^8+2^{10}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 3) = 2+2^2+2^3+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 2, 1) = 2^5+2^6+2^9+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 2) = 2^5+2^8+2^9+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 1) = 2^5+2^6+2^7+2^9+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 8) = 2^5+2^8+2^{10}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 7, 1) = 2^2+2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 6, 2) = 2^8+2^9+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 6, 1, 1) = 2+2^3+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 5, 3) = 2^3+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 5, 2, 1) = 2+2^4+2^6+2^8+2^9+2^{10}+2^{14}+2^{17}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 5, 1, 2) = 2 + 2^2 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 5, 1, 1, 1) = 2^2 + 2^3 + 2^5 + 2^7 + 2^9 + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 4, 4) = 2^6 + 2^{11} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 4, 3, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{13} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 4, 2, 2) = 2^2 + 2^3 + 2^4 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 4, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 4, 1, 3) = 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 4, 1, 2, 1) = 2^3 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 4, 1, 1, 2) = 2^2 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 4, 1, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 3, 5) = 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 3, 4, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 3, 3, 2) = 2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 3, 3, 1, 1) = 2^2 + 2^3 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 3, 2, 3) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 3, 2, 2, 1) = 2^2 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 3, 2, 1, 2) = 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 3, 2, 1, 1, 1) = 2^2 + 2^9 + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 3, 1, 4) = 2^2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 3, 1, 3, 1) = 2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 3, 1, 2, 2) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 3, 1, 2, 1, 1) = 2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 3, 1, 1, 3) = 2^5 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 3, 1, 1, 2, 1) = 2^2 + 2^3 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 3, 1, 1, 1, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 3, 1, 1, 1, 1, 1) = 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 6) = 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 5, 1) = 2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 4, 2) = 2^2 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 4, 1, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 3, 3) = 2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 3, 2, 1) = 2^2 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 3, 1, 2) = 2^3 + 2^8 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 3, 1, 1, 1) = 2^2 + 2^3 + 2^5 + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 2, 4) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 2, 3, 1) = 2^2+2^3+2^6+2^7+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 2, 2, 2) = O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 2, 2, 1, 1) = 2^5 + 2^8 + 2^{12} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 2, 1, 3) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 2, 1, 2, 1) = 2^6+2^7+2^{10}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 2, 1, 1, 2) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 2, 1, 1, 1, 1) = 2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 5) = 2+2^3+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 4, 1) = 2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 3, 2) = 2^3+2^5+2^6+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 3, 1, 1) = 2+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 2, 3) = 2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 2, 2, 1) = 2^3+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 2, 1, 2) = 2+2^4+2^5+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 2, 1, 1, 1) = 2^5+2^8+2^{10}+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 4) = 2+2^2+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 3, 1) = 2^2+2^3+2^6+2^8+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 2, 2) = 2^2+2^3+2^4+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 2, 1, 1) = 2^5+2^6+2^7+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 3) = 2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 2, 1) = 2^6+2^8+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 2) = 2^6+2^7+2^8+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 1) = 2^7 + 2^8 + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 7) = 2^4+2^5+2^7+2^8+2^{10}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 6, 1) = 2+2^5+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 5, 2) = 2+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 5, 1, 1) = 2+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 4, 3) = 2^2+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 4, 2, 1) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 4, 1, 2) = 2+2^3+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 4, 1, 1, 1) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 3, 4) = 2^2+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 3, 3, 1) = 2+2^3+2^6+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 3, 2, 2) = 2^3+2^5+2^6+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 3, 2, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 3, 1, 3) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 3, 1, 2, 1) = 2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 3, 1, 1, 2) = 2^3+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 3, 1, 1, 1) = 2^2+2^4+2^6+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 2, 5) = 2+2^2+2^4+2^6+2^7+2^8+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 2, 4, 1) = 2^4+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
&\quad \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_2(2, 1, 2, 3, 2) = O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 2, 3, 1, 1) = 2+2^3+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 2, 3) = 2+2^2+2^3+2^9+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 2, 2, 1) = 2^6+2^7+2^8+2^9+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 2, 1, 2) = 2+2^2+2^3+2^4+2^7+2^8+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 2, 1, 1) = 2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 1, 4) = 2^2+2^4+2^5+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 1, 3, 1) = 2+2^3+2^4+2^5+2^{11}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 1, 2, 2) = 2+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 1, 2, 1, 1) = 2^4+2^5+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 3) = 2^2+2^3+2^4+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 2, 1) = 2^7+2^9+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 2) = 2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1) = 2^7+2^9+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 6) = 2+2^2+2^3+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 5, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 4, 2) = 2^3+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 4, 1, 1) = 2^2+2^3+2^4+2^7+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 3, 3) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{12}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 3, 2, 1) = 2^2+2^4+2^8+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 3, 1, 2) = 2^2+2^3+2^4+2^6+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 3, 1, 1) = 2^5+2^7+2^8+2^{10}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 4) = 2+2^3+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 3, 1) = 2^2+2^3+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 2, 2) = 2^2+2^6+2^8+2^{10}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 2, 1) = 2^6+2^8+2^{10}+2^{11}+2^{12}+2^{16}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 3) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 2, 1) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 2) = 2^{10} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 1) = 2^6+2^9+2^{11}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 5) = 2+2^3+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 4, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 3, 2) = 2+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 3, 1, 1) = 2^2+2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 3) = 2+2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 2, 1) = 2^6 + 2^{10} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 2) = 2^3 + 2^4 + 2^{10} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 1) = 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 4) = 2+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 3, 1) = 2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 2) = 2^8+2^9+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 1) = 2^7+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 3) = 2^2+2^3+2^4+2^5+2^{11}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 1) = 2^7 + 2^8 + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 2) = 2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 9) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 8, 1) = 2^3 + 2^5 + 2^6 + 2^8 + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 7, 2) = 2^2+2^3+2^4+2^5+2^{11}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 7, 1, 1) = 2^5 + 2^6 + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 6, 3) = 2^2+2^3+2^5+2^8+2^9+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 6, 2, 1) = 2+2^2+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 6, 1, 2) = 2+2^2+2^3+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 6, 1, 1, 1) = 2+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 5, 4) = 2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 5, 3, 1) = 2^3+2^4+2^7+2^{10}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 5, 2, 2) = 2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 5, 2, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 5, 1, 3) = 2^2+2^3+2^5+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 5, 1, 2, 1) = 2+2^2+2^5+2^7+2^9+2^{10}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 5, 1, 1, 2) = 2^3+2^5+2^7+2^8+2^{10}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 5, 1, 1, 1, 1) = 2^2+2^5+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 4, 5) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 4, 4, 1) = 2^3+2^4+2^6+2^{10}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 4, 3, 2) = 2^2+2^3+2^4+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 4, 3, 1, 1) = 2+2^2+2^3+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 4, 2, 3) = 2^2+2^3+2^4+2^5+2^7+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 4, 2, 2, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 4, 2, 1, 2) = 2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 4, 2, 1, 1, 1) = 2^3+2^4+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 4, 1, 4) = 2^3+2^5+2^6+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 4, 1, 3, 1) = 2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 4, 1, 2, 2) = 2^5+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 4, 1, 2, 1, 1) = 2+2^2+2^3+2^5+2^7+2^{10}+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 4, 1, 1, 3) = 2^3+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 4, 1, 1, 2, 1) = 2^3+2^4+2^6+2^8+2^{10}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 4, 1, 1, 1, 2) = 2^2+2^3+2^6+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 4, 1, 1, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^8+2^{11}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 6) = 2^2+2^3+2^4+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 5, 1) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 4, 2) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 4, 1, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 3, 3) = 2+2^2+2^5+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 3, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 3, 1, 2) = 2+2^4+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 3, 1, 1, 1) = 2^2+2^5+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 2, 4) = 2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 2, 3, 1) = 2^3+2^5+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 2, 2, 2) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 2, 2, 1, 1) = 2+2^5+2^6+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 2, 1, 3) = 2^2+2^3+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 2, 1, 2, 1) = 2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 2, 1, 1, 2) = 2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 2, 1, 1, 1, 1) = 2^3+2^6+2^8+2^9+2^{14}+2^{16}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 5) = 2^2 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 4, 1) = 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 3, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 3, 1, 1) = 2 + 2^4 + 2^5 + 2^7 + 2^{11} + 2^{12} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 2, 3) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 2, 2, 1) = 2 + 2^3 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 2, 1, 2) = 2 + 2^3 + 2^5 + 2^8 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 2, 1, 1, 1) = 2^6 + 2^9 + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 4) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 3, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 2, 2) = 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 2, 1, 1) = 2^3 + 2^8 + 2^{10} + 2^{12} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 3) = 2^2 + 2^3 + 2^5 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 2, 1) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 2) = 2^4 + 2^7 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 1) = 2^4 + 2^5 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 7) = 2^2 + 2^3 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 6, 1) = 2 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 5, 2) = 2 + 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 5, 1, 1) = 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 4, 3) = 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 4, 2, 1) = 2 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 4, 1, 2) = 2^3 + 2^4 + 2^7 + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 4, 1, 1, 1) = 2^2 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 3, 4) = 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 3, 3, 1) = 2^4 + 2^6 + 2^8 + 2^9 + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 3, 2, 2) = 2 + 2^3 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 3, 2, 1, 1) = 2 + 2^3 + 2^4 + 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 3, 1, 3) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 3, 1, 2, 1) = 2 + 2^3 + 2^7 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 3, 1, 1, 2) = 2^3 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 3, 1, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^8 + 2^9 + 2^{10} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 5) = 2 + 2^2 + 2^3 + 2^7 + 2^8 + 2^{10} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 4, 1) = 2 + 2^3 + 2^6 + 2^{10} + 2^{13} + 2^{15} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 3, 2) = 2+2^2+2^3+2^9+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 3, 1, 1) = 2+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 2, 3) = 2^2+2^9+2^{10}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 2, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 2, 1, 2) = 2+2^2+2^3+2^4+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 2, 1, 1, 1) = 2^7+2^9+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 4) = 2+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 3, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 2, 2) = 2+2^2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 2, 1, 1) = 2^4+2^6+2^7+2^9+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 3) = 2^2+2^3+2^4+2^5+2^7+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 2, 1) = 2^5+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 2) = 2^2+2^5+2^8+2^{11}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 1) = 2^8+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 6) = 2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 5, 1) = 2+2^3+2^4+2^5+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 4, 2) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{12}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 4, 1, 1) = 2+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 3, 3) = 2^3+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 3, 2, 1) = 2+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 3, 1, 2) = 2+2^2+2^4+2^5+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 3, 1, 1, 1) = 2^3+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 4) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 3, 1) = 2+2^3+2^5+2^6+2^7+2^8+2^{10}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 2, 2) = 2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 2, 1, 1) = 2^5+2^6+2^7+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 3) = 2+2^2+2^5+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 2, 1) = 2^6+2^9+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 2) = 2^3+2^8+2^{10}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 1) = 2^5+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 5) = 2+2^2+2^4+2^5+2^9+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 4, 1) = 2^3+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 3, 2) = 2^2+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 3, 1, 1) = 2^3+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 3) = 2^4+2^5+2^6+2^8+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 2, 1) = 2^5+2^6+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 2) = 2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 1) = 2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 4) = 2^2+2^3+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 3, 1) = 2^2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 2) = 2^3+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 1) = 2^5+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 3) = 2^2+2^3+2^5+2^8+2^9+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 1) = 2^8+2^{10}+2^{12}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 2) = 2^4+2^5+2^8+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 8) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 7, 1) = 2^2+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 6, 2) = 2+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 6, 1, 1) = 2+2^2+2^3+2^4+2^5+2^8+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 5, 3) = 2^2+2^3+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 5, 2, 1) = 2^2+2^5+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 5, 1, 2) = 2^3+2^5+2^6+2^{10}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 5, 1, 1, 1) = 2^5+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 4, 4) = 2^2+2^3+2^6+2^9+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 4, 3, 1) = 2+2^6+2^9+2^{11}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 4, 2, 2) = 2+2^2+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 4, 2, 1, 1) = 2^5+2^7+2^8+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 4, 1, 3) = 2^6+2^7+2^8+2^9+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 4, 1, 2, 1) = 2^4+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 4, 1, 1, 2) = 2^4+2^6+2^8+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 4, 1, 1, 1, 1) = 2^4+2^6+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 5) = 2^5+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 4, 1) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 3, 2) = 2^2+2^4+2^5+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 3, 1, 1) = 2^2+2^8+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 2, 3) = 2+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 2, 2, 1) = 2^2+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 2, 1, 2) = 2^2+2^5+2^6+2^7+2^8+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 2, 1, 1, 1) = 2^5+2^7+2^9+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 4) = 2^3+2^6+2^7+2^8+2^{10}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 3, 1) = 2^7+2^8+2^9+2^{10}+2^{12}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 2, 2) = 2^2+2^3+2^6+2^8+2^9+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 2, 1, 1) = 2^3+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 3) = 2^3+2^5+2^6+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 2, 1) = 2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 2) = 2^5+2^6+2^8+2^9+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 1) = 2^5+2^7+2^9+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 6) = 2+2^5+2^6+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 5, 1) = 2^4+2^6+2^7+2^8+2^{11}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 4, 2) = 2+2^3+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 4, 1, 1) = 2^2+2^3+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 3, 3) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 3, 2, 1) = 2^2+2^4+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 3, 1, 2) = 2^2+2^3+2^4+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 3, 1, 1, 1) = 2^5+2^6+2^7+2^{10}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 4) = 2^2+2^3+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 3, 1) = 2^2+2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 2, 2) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 2, 1, 1) = 2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 3) = 2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 2, 1) = 2^7+2^9+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 2) = 2^6+2^7+2^8+2^9+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 1) = 2^6+2^7+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 5) = 2+2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 4, 1) = 2^3+2^5+2^8+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 3, 2) = 2^2+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 3, 1, 1) = 2^5+2^7+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 3) = 2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 2, 1) = 2^5+2^6+2^7+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 2) = 2^3+2^4+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 1) = 2^7+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 4) = 2^2+2^3+2^6+2^9+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 3, 1) = 2^5+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 2) = 2^6+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 1) = 2^7+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 3) = 2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 1) = 2^6+2^7+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 2) = 2^5+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 7) = 2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 6, 1) = 2+2^2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 5, 2) = 2+2^3+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 5, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 4, 3) = 2+2^2+2^4+2^5+2^9+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 4, 2, 1) = 2+2^3+2^4+2^6+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 4, 1, 2) = 2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 4, 1, 1, 1) = 2^4+2^6+2^7+2^8+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 4) = 2+2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 3, 1) = 2+2^2+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 2, 2) = 2+2^3+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 2, 1, 1) = 2^2+2^3+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 3) = 2^2+2^7+2^8+2^9+2^{10}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 2, 1) = 2^2+2^4+2^5+2^6+2^{10}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 2) = 2^3+2^4+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 1) = 2^3+2^7+2^8+2^9+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 5) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 4, 1) = 2+2^4+2^5+2^6+2^8+2^{10}+2^{11}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 3, 2) = 2+2^2+2^4+2^6+2^7+2^8+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 3, 1, 1) = 2^4+2^5+2^6+2^7+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 3) = 2+2^2+2^3+2^7+2^8+2^{10}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 2, 1) = 2^5+2^9+2^{10}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 2) = 2^2+2^5+2^6+2^8+2^{10}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 1) = 2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 4) = 2^5+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 3, 1) = 2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 2) = 2^2+2^3+2^5+2^6+2^8+2^9+2^{12}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 1) = 2^6+2^8+2^9+2^{11}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 3) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 1) = 2^8+2^9+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 2) = 2^3+2^7+2^8+2^9+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
&\quad \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 6) = 2^4+2^5+2^8+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 5, 1) = 2+2^2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 4, 2) = 2+2^2+2^3+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 4, 1, 1) = 2^2+2^7+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 3) = 2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 2, 1) = 2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 2) = 2^5+2^7+2^9+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 1) = 2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 4) = 2+2^5+2^6+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 3, 1) = 2^6+2^8+2^{10}+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 2) = 2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 1) = 2^7+2^9+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 3) = 2^2+2^3+2^4+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 1) = 2^7+2^9+2^{10}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 2) = 2^5+2^6+2^8+2^{11}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
&\quad \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 5) = 2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 4, 1) = 2^2+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 2) = 2^4+2^5+2^7+2^8+2^{10}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 1) = 2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 3) = 2^2+2^3+2^6+2^7+2^9+2^{10}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 1) = 2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 2) = 2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{19}+O(2^{20}) \\
&\quad \zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 4) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 1) = 2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 2) = 2^5+2^8+2^{10}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
&\quad \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_2(1, 1, 1, 1, 1, 1, 2, 1, 1) = O(2^{20})
\end{aligned}$$

$$\begin{aligned}\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\ \zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 1) = O(2^{20}) \\ \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 2) = O(2^{20}) \\ \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20})\end{aligned}$$

**1.12. weight 11 case.**

$$\begin{aligned}\zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(11) = 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(10, 1) = 2^{10} + 2^{11} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(9, 2) = 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(9, 1, 1) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(8, 3) = 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(8, 2, 1) = 2^3+2^6+2^7+2^9+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(8, 1, 2) = 2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(8, 1, 1, 1) = 2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(7, 4) = 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(7, 3, 1) = 2^2+2^3+2^4+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(7, 2, 2) = 2^4+2^5+2^8+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(7, 2, 1, 1) = 2+2^3+2^6+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(7, 1, 3) = 2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(7, 1, 2, 1) = 2+2^2+2^3+2^6+2^8+2^9+2^{14}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(7, 1, 1, 2) = 2+2^2+2^3+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(7, 1, 1, 1, 1) = 2+2^2+2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(6, 5) = 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(6, 4, 1) = 2^3+2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(6, 3, 2) = 2^5 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(6, 3, 1, 1) = 2+2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(6, 2, 3) = 2^4+2^8+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(6, 2, 2, 1) = 2^5+2^8+2^9+2^{10}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(6, 2, 1, 2) = 2^4+2^5+2^8+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(6, 2, 1, 1, 1) = 2+2^3+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(6, 1, 4) = 2^5+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(6, 1, 3, 1) = 2+2^2+2^7+2^9+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(6, 1, 2, 2) = 2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\ \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(6, 1, 2, 1, 1) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{14}+2^{18}+2^{19}+O(2^{20})\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(6, 1, 1, 3) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(6, 1, 1, 2, 1) = 2^2+2^3+2^4+2^6+2^8+2^{10}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(6, 1, 1, 1, 2) = 2+2^3+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(6, 1, 1, 1, 1) = 2+2^3+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(5, 6) = 2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(5, 5, 1) = 2^4+2^5+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(5, 4, 2) = 2^3+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(5, 4, 1, 1) = 2^2+2^3+2^4+2^6+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(5, 3, 3) = 2^2+2^4+2^7+2^8+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(5, 3, 2, 1) = 2+2^3+2^4+2^5+2^7+2^{10}+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(5, 3, 1, 2) = 2+2^2+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(5, 3, 1, 1, 1) = 2+2^2+2^5+2^6+2^8+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(5, 2, 4) = 2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(5, 2, 3, 1) = 2+2^2+2^5+2^8+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(5, 2, 2, 2) = 2^3+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(5, 2, 2, 1, 1) = 2+2^2+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(5, 2, 1, 3) = 2+2^3+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(5, 2, 1, 2, 1) = 2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(5, 2, 1, 1, 2) = 2+2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(5, 2, 1, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(5, 1, 5) = 2^3+2^4+2^8+2^{11}+2^{12}+2^{13}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(5, 1, 4, 1) = 2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(5, 1, 3, 2) = 2+2^2+2^3+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(5, 1, 3, 1, 1) = 2+2^2+2^3+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(5, 1, 2, 3) = 2+2^2+2^3+2^4+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(5, 1, 2, 2, 1) = 2+2^2+2^6+2^7+2^8+2^{10}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(5, 1, 2, 1, 2) = 2+2^3+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(5, 1, 2, 1, 1) = 2+2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(5, 1, 1, 4) = 2^2+2^3+2^4+2^5+2^7+2^{10}+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(5, 1, 1, 3, 1) = 2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(5, 1, 1, 2, 2) = 2^3+2^5+2^7+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(5, 1, 1, 2, 1, 1) = 2^3+2^5+2^6+2^8+2^{11}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(5, 1, 1, 1, 3) = 2^2+2^3+2^4+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(5, 1, 1, 1, 2, 1) = 2+2^3+2^5+2^6+2^{10}+2^{11}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(5, 1, 1, 1, 2) = 2+2^3+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(5, 1, 1, 1, 1, 1) = 2+2^2+2^3+2^4+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(4, 7) = 2^8+2^9+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(4, 6, 1) = 2^3+2^5+2^7+2^9+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(4, 5, 2) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(4, 5, 1, 1) = 2^2+2^4+2^5+2^7+2^{11}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(4, 4, 3) = 2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(4, 4, 2, 1) = 2^2+2^3+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(4, 4, 1, 2) = 2^5+2^6+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(4, 4, 1, 1, 1) = 2^4+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(4, 3, 4) = 2^5+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(4, 3, 3, 1) = 2^2+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(4, 3, 2, 2) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(4, 3, 2, 1, 1) = 2^2+2^3+2^5+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(4, 3, 1, 3) = 2^2+2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(4, 3, 1, 2, 1) = 2^2+2^3+2^4+2^7+2^8+2^{11}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(4, 3, 1, 1, 2) = 2^4+2^5+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(4, 3, 1, 1, 1, 1) = 2+2^2+2^4+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(4, 2, 5) = 2^3+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(4, 2, 4, 1) = 2^4+2^5+2^6+2^8+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(4, 2, 3, 2) = 2^2+2^3+2^4+2^9+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(4, 2, 3, 1, 1) = 2+2^6+2^7+2^8+2^{10}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(4, 2, 2, 3) = 2^2+2^3+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(4, 2, 2, 2, 1) = 2+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(4, 2, 2, 1, 2) = 2+2^2+2^3+2^4+2^5+2^8+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(4, 2, 2, 1, 1, 1) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(4, 2, 1, 4) = 2^5+2^6+2^9+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(4, 2, 1, 3, 1) = 2+2^3+2^7+2^8+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(4, 2, 1, 2, 2) = 2+2^2+2^4+2^7+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(4, 2, 1, 2, 1, 1) = 2+2^3+2^8+2^{10}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(4, 2, 1, 1, 3) = 2+2^3+2^4+2^6+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(4, 2, 1, 1, 2, 1) = 2^4+2^5+2^8+2^9+2^{10}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(4, 2, 1, 1, 1, 2) = 2+2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(4, 2, 1, 1, 1, 1, 1) = 2^3+2^6+2^8+2^{13}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(4, 1, 6) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(4, 1, 5, 1) = 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(4, 1, 4, 2) = 2^3 + 2^4 + 2^5 + 2^9 + 2^{11} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(4, 1, 4, 1, 1) = 2^4 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(4, 1, 3, 3) = 2^4 + 2^5 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(4, 1, 3, 2, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{11} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(4, 1, 3, 1, 2) = 2 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(4, 1, 3, 1, 1, 1) = 2^2 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(4, 1, 2, 4) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(4, 1, 2, 3, 1) = 2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(4, 1, 2, 2, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(4, 1, 2, 2, 1, 1) = 2^4 + 2^8 + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(4, 1, 2, 1, 3) = 2 + 2^3 + 2^4 + 2^5 + 2^9 + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(4, 1, 2, 1, 2, 1) = 2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(4, 1, 2, 1, 1, 2) = 2^4 + 2^5 + 2^7 + 2^8 + 2^{12} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(4, 1, 2, 1, 1, 1, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(4, 1, 1, 5) = 2^2 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(4, 1, 1, 4, 1) = 2^4 + 2^6 + 2^8 + 2^{12} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(4, 1, 1, 3, 2) = 2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(4, 1, 1, 3, 1, 1) = 2 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(4, 1, 1, 2, 3) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(4, 1, 1, 2, 2, 1) = 2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(4, 1, 1, 2, 1, 2) = 2^3 + 2^9 + 2^{10} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(4, 1, 1, 2, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^{11} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(4, 1, 1, 1, 4) = 2^2 + 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(4, 1, 1, 1, 3, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(4, 1, 1, 1, 2, 2) = 2 + 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(4, 1, 1, 1, 2, 1, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(4, 1, 1, 1, 1, 3) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(4, 1, 1, 1, 1, 2, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(4, 1, 1, 1, 1, 1, 2) = 2 + 2^2 + 2^3 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(4, 1, 1, 1, 1, 1, 1, 1) = 2^3 + 2^4 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 8) = 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 7, 1) = 2^2 + 2^5 + 2^6 + 2^{13} + O(2^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(3, 6, 2) = 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(3, 6, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 5, 3) = 2^3 + 2^{10} + 2^{11} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 5, 2, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 5, 1, 2) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 5, 1, 1, 1) = 2 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 4, 4) = 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 4, 3, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 4, 2, 2) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 4, 2, 1, 1) = 2^4 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 4, 1, 3) = 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 4, 1, 2, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 4, 1, 1, 2) = 2^3 + 2^9 + 2^{10} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 4, 1, 1, 1, 1) = 2 + 2^2 + 2^7 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 3, 5) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 3, 4, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 3, 3, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 3, 3, 1, 1) = 2 + 2^2 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 3, 2, 3) = 2 + 2^2 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 3, 2, 2, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 3, 2, 1, 2) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 3, 2, 1, 1, 1) = 2^4 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 3, 1, 4) = 2^2 + 2^5 + 2^7 + 2^8 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 3, 1, 3, 1) = 2^4 + 2^{12} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 3, 1, 2, 2) = 2 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 3, 1, 2, 1, 1) = 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^{11} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 3, 1, 1, 3) = 2 + 2^2 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 3, 1, 1, 2, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 3, 1, 1, 1, 2) = 2 + 2^3 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 3, 1, 1, 1, 1, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 2, 6) = 2^4 + 2^5 + 2^6 + 2^9 + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 2, 5, 1) = 2 + 2^4 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 2, 4, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 2, 4, 1, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{18} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 2, 3, 3) = 2 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{12} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 2, 3, 2, 1) = 2 + 2^3 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 2, 3, 1, 2) = 2 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 2, 3, 1, 1, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 2, 2, 4) = 2^2 + 2^6 + 2^9 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 2, 2, 3, 1) = 2^2 + 2^7 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 2, 2, 2, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{12} + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 2, 2, 2, 1, 1) = 2^5 + 2^6 + 2^8 + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 2, 2, 1, 3) = 2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 2, 2, 1, 2, 1) = 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 2, 2, 1, 1, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{11} + 2^{13} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 2, 2, 1, 1, 1, 1) = 2^3 + 2^5 + 2^8 + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 2, 1, 5) = 2 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 2, 1, 4, 1) = 2 + 2^2 + 2^4 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 2, 1, 3, 2) = 2 + 2^2 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 2, 1, 3, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 2, 1, 2, 3) = 2^2 + 2^4 + 2^6 + 2^{10} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 2, 1, 2, 2, 1) = 2^2 + 2^4 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 2, 1, 2, 1, 2) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 2, 1, 2, 1, 1, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 2, 1, 1, 4) = 2^2 + 2^3 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 2, 1, 1, 3, 1) = 2 + 2^3 + 2^8 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 2, 1, 1, 2, 2) = 2^2 + 2^3 + 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 2, 1, 1, 2, 1, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 2, 1, 1, 1, 3) = 2 + 2^3 + 2^5 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 2, 1, 1, 1, 2, 1) = 2^3 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 2, 1, 1, 1, 1, 2) = 2^4 + 2^5 + 2^8 + 2^{12} + 2^{13} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 2, 1, 1, 1, 1, 1, 1) = 2^5 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 7) = 2^7 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 6, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 5, 2) = 2 + 2^3 + 2^5 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 5, 1, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 4, 3) = 2^2 + 2^3 + 2^5 + 2^6 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 4, 2, 1) = 2 + 2^3 + 2^6 + 2^{10} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 4, 1, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 4, 1, 1, 1) = 2^3+2^4+2^6+2^7+2^{10}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 3, 4) = 2^2+2^5+2^9+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 3, 3, 1) = 2^2+2^3+2^5+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 3, 2, 2) = 2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 3, 2, 1, 1) = 2+2^2+2^5+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 3, 1, 3) = 2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 3, 1, 2, 1) = 2+2^2+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 3, 1, 1, 2) = 2+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 3, 1, 1, 1, 1) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 2, 5) = 2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 2, 4, 1) = 2+2^4+2^5+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 2, 3, 2) = 2+2^2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 2, 3, 1, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 2, 2, 3) = 2+2^5+2^7+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 2, 2, 2, 1) = 2+2^2+2^7+2^9+2^{11}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 2, 2, 1, 2) = 2+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 2, 2, 1, 1, 1) = 2^2+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 2, 1, 4) = 2^2+2^3+2^4+2^6+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 2, 1, 3, 1) = 2^2+2^3+2^4+2^6+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 2, 1, 2, 2) = 2^6+2^8+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 2, 1, 2, 1, 1) = 2+2^3+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 2, 1, 1, 3) = 2^3+2^6+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 2, 1, 1, 2, 1) = 2^3+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 2, 1, 1, 1, 2) = 2+2^2+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 2, 1, 1, 1, 1, 1) = 2^4+2^7+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 6) = 2+2^2+2^4+2^7+2^9+2^{10}+2^{11}+2^{13}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 5, 1) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 4, 2) = 2+2^5+2^9+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 4, 1, 1) = 2+2^2+2^4+2^5+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 3, 3) = 2+2^2+2^3+2^4+2^5+2^8+2^{10}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 3, 2, 1) = 2^2+2^5+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 3, 1, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 3, 1, 1, 1) = 2^4+2^5+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{17}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 2, 4) = 2^2 + 2^3 + 2^5 + 2^6 + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 2, 3, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 2, 2, 2) = 2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 2, 2, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 2, 1, 3) = 2^4 + 2^5 + 2^9 + 2^{12} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 2, 1, 2, 1) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 2, 1, 1, 2) = 2^5 + 2^6 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 2, 1, 1, 1) = 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 5) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 4, 1) = 2 + 2^7 + 2^9 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 3, 2) = 2 + 2^5 + 2^8 + 2^{12} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 3, 1, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 2, 3) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 2, 2, 1) = 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 2, 1, 2) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 2, 1, 1) = 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 4) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 3, 1) = 2^5 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 2, 2) = 2^4 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 2, 1, 1) = 2^5 + 2^7 + 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 3) = 2 + 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{13} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 2, 1) = 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 2) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 1) = 2^9 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 9) = 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 8, 1) = 2^3 + 2^4 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 7, 2) = 2^5 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 7, 1, 1) = 2 + 2^2 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 6, 3) = 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 6, 2, 1) = 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 6, 1, 2) = 2^4 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 6, 1, 1, 1) = 2 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 5, 4) = 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 5, 3, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{12} + 2^{15} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 5, 2, 2) = 2^3+2^4+2^6+2^7+2^9+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 5, 2, 1, 1) = 2^2+2^4+2^7+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 5, 1, 3) = 2+2^2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 5, 1, 2, 1) = 2^4+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 5, 1, 1, 2) = 2+2^2+2^3+2^6+2^7+2^8+2^9+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 5, 1, 1, 1, 1) = 2^2+2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 4, 5) = 2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 4, 4, 1) = 2^2+2^4+2^6+2^7+2^9+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 4, 3, 2) = 2^2+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 4, 3, 1, 1) = 2^5+2^7+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 4, 2, 3) = 2^2+2^6+2^8+2^9+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 4, 2, 2, 1) = 2^2+2^5+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 4, 2, 1, 2) = 2^2+2^3+2^6+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 4, 2, 1, 1, 1) = 2^2+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 4, 1, 4) = 2^5+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 4, 1, 3, 1) = 2+2^4+2^5+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 4, 1, 2, 2) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 4, 1, 2, 1, 1) = 2^4+2^6+2^7+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 4, 1, 1, 3) = 2+2^2+2^4+2^5+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 4, 1, 1, 2, 1) = 2+2^2+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 4, 1, 1, 1, 2) = 2^3+2^5+2^7+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 4, 1, 1, 1, 1, 1) = 2^3+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 3, 6) = 2^5+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 3, 5, 1) = 2+2^2+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 3, 4, 2) = 2^2+2^3+2^4+2^6+2^7+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 3, 4, 1, 1) = 2^2+2^7+2^9+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 3, 3, 3) = 2+2^2+2^4+2^9+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 3, 3, 2, 1) = 2^4+2^5+2^6+2^7+2^8+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 3, 3, 1, 2) = 2^6+2^8+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 3, 3, 1, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 3, 2, 4) = 2^2+2^4+2^9+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 3, 2, 3, 1) = 2+2^3+2^5+2^8+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 3, 2, 2, 2) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 3, 2, 2, 1, 1) = 2^2+2^4+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 3, 2, 1, 3) = 2^3 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 3, 2, 1, 2, 1) = 2^2 + 2^3 + 2^{11} + 2^{13} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 3, 2, 1, 1, 2) = 2 + 2^2 + 2^4 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 3, 2, 1, 1, 1, 1) = 2^3 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 3, 1, 5) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 3, 1, 4, 1) = 2 + 2^2 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 3, 1, 3, 2) = 2 + 2^2 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 3, 1, 3, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 3, 1, 2, 3) = 2^4 + 2^5 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 3, 1, 2, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 3, 1, 2, 1, 2) = 2 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 3, 1, 2, 1, 1, 1) = 2^3 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 3, 1, 1, 4) = 2^4 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 3, 1, 1, 3, 1) = 2^2 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 3, 1, 1, 2, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^9 + 2^{10} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 3, 1, 1, 2, 1, 1) = 2^3 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 3, 1, 1, 1, 3) = 2^2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 3, 1, 1, 1, 2, 1) = 2^4 + 2^7 + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 3, 1, 1, 1, 1, 2) = 2^4 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 3, 1, 1, 1, 1, 1, 1) = 2^4 + 2^8 + 2^{10} + 2^{12} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 7) = 2^4 + 2^5 + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 6, 1) = 2^4 + 2^6 + 2^{11} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 5, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 5, 1, 1) = 2 + 2^2 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 4, 3) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 4, 2, 1) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 4, 1, 2) = 2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 4, 1, 1, 1) = 2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 3, 4) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 3, 3, 1) = 2 + 2^2 + 2^6 + 2^7 + 2^9 + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 3, 2, 2) = 2^2 + 2^3 + 2^4 + 2^7 + 2^{10} + 2^{12} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 3, 2, 1, 1) = 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 3, 1, 3) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 3, 1, 2, 1) = 2 + 2^6 + 2^7 + 2^{13} + 2^{17} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 3, 1, 1, 2) = 2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 3, 1, 1, 1, 1) = 2^3+2^5+2^6+2^7+2^8+2^{10}+2^{12}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 2, 5) = 2^3+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 2, 4, 1) = 2+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 2, 3, 2) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 2, 3, 1, 1) = 2+2^4+2^7+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 2, 2, 3) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 2, 2, 2, 1) = 2^{10}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 2, 2, 1, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 2, 2, 1, 1, 1) = 2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 2, 1, 4) = 2^2+2^3+2^4+2^7+2^8+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 2, 1, 3, 1) = 2+2^2+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 2, 1, 2, 2) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 2, 1, 2, 1, 1) = 2^5+2^6+2^7+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 2, 1, 1, 3) = 2+2^2+2^7+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 2, 1, 1, 2, 1) = 2^7+2^8+2^9+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 2, 1, 1, 1, 2) = 2^3+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 2, 1, 1, 1, 1, 1) = 2^7+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 6) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 5, 1) = 2+2^2+2^3+2^4+2^5+2^7+2^{10}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 4, 2) = 2+2^6+2^9+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 4, 1, 1) = 2+2^4+2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 3, 3) = 2^2+2^3+2^8+2^{10}+2^{11}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 3, 2, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^{10}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 3, 1, 2) = 2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 3, 1, 1, 1) = 2^2+2^3+2^4+2^8+2^9+2^{11}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 2, 4) = 2+2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 2, 3, 1) = 2^2+2^5+2^7+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 2, 2, 2) = 2^2+2^3+2^4+2^7+2^{10}+2^{12}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 2, 2, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 2, 1, 3) = 2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 2, 1, 2, 1) = 2^5+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 2, 1, 1, 2) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 2, 1, 1, 1, 1) = 2^5+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 5) = 2+2^5+2^6+2^7+2^8+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 4, 1) = 2+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 3, 2) = 2+2^3+2^4+2^6+2^9+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 3, 1, 1) = 2^2+2^3+2^6+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 2, 3) = 2^{10} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 2, 2, 1) = 2^5+2^{10}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 2, 1, 2) = 2^3+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 2, 1, 1, 1) = 2^6+2^9+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 4) = 2^4+2^6+2^8+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 3, 1) = 2^4+2^5+2^7+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 2, 2) = 2^3+2^4+2^6+2^7+2^9+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 2, 1, 1) = 2^5+2^6+2^{11}+2^{12}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 3) = 2^6+2^7+2^8+2^9+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 2, 1) = 2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 2) = 2^4+2^5+2^8+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 1, 1) = 2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 8) = 2^5+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 7, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 6, 2) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 6, 1, 1) = 2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 5, 3) = 2+2^3+2^6+2^7+2^9+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 5, 2, 1) = 2^2+2^4+2^7+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 5, 1, 2) = 2+2^5+2^8+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 5, 1, 1, 1) = 2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 4, 4) = 2^4 + 2^5 + 2^8 + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 4, 3, 1) = 2^3+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 4, 2, 2) = 2+2^3+2^4+2^6+2^9+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 4, 2, 1, 1) = 2^5+2^6+2^8+2^9+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 4, 1, 3) = 2+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 4, 1, 2, 1) = 2^2+2^3+2^5+2^6+2^7+2^8+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 4, 1, 1, 2) = 2+2^3+2^4+2^6+2^8+2^{11}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 4, 1, 1, 1, 1) = 2+2^2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 3, 5) = 2+2^2+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 3, 4, 1) = 2^2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{13}+2^{16}+2^{17}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) = \zeta_2(2, 1, 3, 3, 2) = 2^4 + 2^9 + 2^{12} + 2^{15} + O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) = \zeta_2(2, 1, 3, 3, 1, 1) = 2+2^3+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) = \zeta_2(2, 1, 3, 2, 3) = 2^2+2^3+2^6+2^8+2^{10}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) = \zeta_2(2, 1, 3, 2, 2, 1) = 2+2^4+2^6+2^7+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) = \zeta_2(2, 1, 3, 2, 1, 2) = 2+2^2+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) = \zeta_2(2, 1, 3, 2, 1, 1, 1) = 2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) = \zeta_2(2, 1, 3, 1, 4) = 2^2+2^3+2^4+2^5+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) = \zeta_2(2, 1, 3, 1, 3, 1) = 2+2^5+2^6+2^7+2^9+2^{17}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) = \zeta_2(2, 1, 3, 1, 2, 2) = 2+2^2+2^6+2^7+2^8+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) = \zeta_2(2, 1, 3, 1, 2, 1, 1) = 2+2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) = \zeta_2(2, 1, 3, 1, 1, 3) = 2+2^2+2^3+2^4+2^6+2^{10}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) = \zeta_2(2, 1, 3, 1, 1, 2, 1) = 2^2+2^5+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) = \zeta_2(2, 1, 3, 1, 1, 1, 2) = 2+2^2+2^3+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) = \zeta_2(2, 1, 3, 1, 1, 1, 1, 1) = 2^4+2^5+2^7+2^8+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) = \zeta_2(2, 1, 2, 6) = 2^6 + 2^7 + 2^{15} + 2^{19} + O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) = \zeta_2(2, 1, 2, 5, 1) = 2^2+2^3+2^8+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) = \zeta_2(2, 1, 2, 4, 2) = 2^2+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) = \zeta_2(2, 1, 2, 4, 1, 1) = 2^3+2^4+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) = \zeta_2(2, 1, 2, 3, 3) = 2+2^2+2^6+2^7+2^9+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) = \zeta_2(2, 1, 2, 3, 2, 1) = 2^2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) = \zeta_2(2, 1, 2, 3, 1, 2) = 2+2^2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) = \zeta_2(2, 1, 2, 3, 1, 1, 1) = 2^2+2^4+2^6+2^7+2^9+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) = \zeta_2(2, 1, 2, 2, 4) = 2+2^2+2^6+2^8+2^9+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) = \zeta_2(2, 1, 2, 2, 3, 1) = 2^2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) = \zeta_2(2, 1, 2, 2, 2, 2) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{16}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) = \zeta_2(2, 1, 2, 2, 2, 1, 1) = 2^4+2^7+2^8+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) = \zeta_2(2, 1, 2, 2, 1, 3) = 2^2+2^3+2^6+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) = \zeta_2(2, 1, 2, 2, 1, 2, 1) = 2^4+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) = \zeta_2(2, 1, 2, 2, 1, 1, 2) = 2^2+2^3+2^4+2^9+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) = \zeta_2(2, 1, 2, 2, 1, 1, 1, 1) = 2^6+2^8+2^9+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) = \zeta_2(2, 1, 2, 1, 5) = 2^2+2^6+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) = \zeta_2(2, 1, 2, 1, 4, 1) = 2+2^2+2^4+2^9+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) = \zeta_2(2, 1, 2, 1, 3, 2) = 2^4 + 2^9 + 2^{12} + 2^{15} + O(2^{20}) \\
& \zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) = \zeta_2(2, 1, 2, 1, 3, 1, 1) = 2+2^3+2^6+2^8+2^{10}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 2, 3) = 2+2^3+2^4+2^5+2^{11}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 2, 2, 1) = 2^4+2^7+2^9+2^{10}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 2, 1, 2) = 2+2^3+2^4+2^5+2^7+2^9+2^{10}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 2, 1, 1, 1) = 2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 4) = 2^3+2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 3, 1) = 2^4+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 2, 2) = 2^2+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 2, 1, 1) = 2^7+2^9+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 3) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 2, 1) = 2^5+2^7+2^{10}+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1, 2) = 2^5+2^{10}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1, 1, 1) = 2^8+2^9+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 7) = 2+2^4+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 6, 1) = 2^2+2^3+2^4+2^6+2^{11}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 5, 2) = 2+2^5+2^6+2^7+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 5, 1, 1) = 2+2^2+2^3+2^4+2^5+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 4, 3) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 4, 2, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 4, 1, 2) = 2+2^5+2^9+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 4, 1, 1, 1) = 2^3+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 3, 4) = 2+2^8+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 3, 3, 1) = 2+2^2+2^3+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 3, 2, 2) = 2+2^6+2^9+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 3, 2, 1, 1) = 2^2+2^3+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 3, 1, 3) = 2+2^6+2^7+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 3, 1, 2, 1) = 2^2+2^3+2^5+2^6+2^7+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 3, 1, 1, 2) = 2^3+2^4+2^5+2^9+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 3, 1, 1, 1) = 2^3+2^5+2^7+2^8+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 5) = 2^2+2^4+2^5+2^6+2^9+2^{10}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 4, 1) = 2^5+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 3, 2) = 2^2+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 3, 1, 1) = 2^2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 2, 3) = 2^2+2^4+2^5+2^8+2^9+2^{10}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 2, 1) = 2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 2, 1, 2) = 2^2+2^3+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 2, 1, 1, 1) = 2^6+2^7+2^8+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 4) = 2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 3, 1) = 2^6+2^9+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 2, 2) = 2^2+2^3+2^4+2^6+2^7+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 2, 1, 1) = 2^6+2^{10}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 3) = 2^2+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 2, 1) = 2^7+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 2) = 2^3+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 1, 1) = 2^9+2^{13}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 6) = 2+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 5, 1) = 2+2^5+2^6+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 4, 2) = 2+2^5+2^6+2^7+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 4, 1, 1) = 2+2^3+2^6+2^8+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 3, 3) = 2+2^3+2^4+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 3, 2, 1) = 2^6+2^{10}+2^{11}+2^{12}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 3, 1, 2) = 2+2^3+2^5+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 3, 1, 1, 1) = 2^3+2^5+2^9+2^{12}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 4) = 2+2^5+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 3, 1) = 2^3+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 2, 2) = 2^3+2^4+2^5+2^6+2^9+2^{10}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 2, 1, 1) = 2^6+2^{10}+2^{11}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 3) = 2+2^4+2^5+2^8+2^9+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 2, 1) = 2^5+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 2) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 1, 1) = 2^9+2^{10}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 5) = 2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 4, 1) = 2^3+2^8+2^{11}+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 3, 2) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 3, 1, 1) = 2^4+2^5+2^8+2^9+2^{11}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 3) = 2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 2, 1) = 2^6+2^7+2^8+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 2) = 2^4+2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 1, 1) = 2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 4) = 2+2^3+2^4+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 3, 1) = 2^4+2^6+2^7+2^8+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 2) = 2^5+2^7+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 1, 1) = 2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 3) = 2^3+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 2, 1) = 2^{10}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 2) = 2^9+2^{11}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 10) = 2^9 + 2^{10} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 9, 1) = 2^4 + 2^8 + 2^9 + 2^{13} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 8, 2) = 2^3+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 8, 1, 1) = 2^5+2^6+2^9+2^{10}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 7, 3) = 2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 7, 2, 1) = 2+2^3+2^8+2^9+2^{10}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 7, 1, 2) = 2+2^2+2^4+2^6+2^7+2^8+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 7, 1, 1, 1) = 2+2^4+2^7+2^8+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 6, 4) = 2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 6, 3, 1) = 2+2^5+2^6+2^8+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 6, 2, 2) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 6, 2, 1, 1) = 2+2^3+2^4+2^8+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 6, 1, 3) = 2+2^2+2^5+2^6+2^7+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 6, 1, 2, 1) = 2^2+2^3+2^6+2^7+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 6, 1, 1, 2) = 2+2^2+2^3+2^4+2^5+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 6, 1, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 5, 5) = 2^3+2^4+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 5, 4, 1) = 2^2+2^5+2^6+2^7+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 5, 3, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 5, 3, 1, 1) = 2+2^7+2^9+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 5, 2, 3) = 2+2^2+2^5+2^6+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 5, 2, 2, 1) = 2+2^2+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 5, 2, 1, 2) = 2+2^3+2^5+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 5, 2, 1, 1, 1) = 2+2^2+2^3+2^4+2^8+2^{11}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 5, 1, 4) = 2^2 + 2^6 + 2^7 + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 5, 1, 3, 1) = 2 + 2^6 + 2^{15} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 5, 1, 2, 2) = 2^2+2^3+2^4+2^6+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 5, 1, 2, 1, 1) = 2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 5, 1, 1, 3) = 2^2+2^5+2^6+2^7+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 5, 1, 1, 2, 1) = 2+2^2+2^3+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 5, 1, 1, 1, 2) = 2^2+2^3+2^4+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 5, 1, 1, 1, 1) = 2+2^2+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 4, 6) = 2^3 + 2^4 + 2^5 + 2^{12} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 4, 5, 1) = 2^2+2^3+2^7+2^9+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 4, 4, 2) = 2^2+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 4, 4, 1, 1) = 2^2+2^6+2^9+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 4, 3, 3) = 2^2+2^3+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 4, 3, 2, 1) = 2^4+2^5+2^6+2^7+2^9+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 4, 3, 1, 2) = 2^3+2^6+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 4, 3, 1, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 4, 2, 4) = 2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 4, 2, 3, 1) = 2+2^5+2^6+2^7+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 4, 2, 2, 2) = 2+2^2+2^7+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 4, 2, 2, 1, 1) = 2+2^2+2^4+2^6+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 4, 2, 1, 3) = 2+2^2+2^4+2^5+2^6+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 4, 2, 1, 2, 1) = 2^2+2^7+2^9+2^{10}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 4, 2, 1, 1, 2) = 2+2^3+2^4+2^6+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 4, 2, 1, 1, 1, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 4, 1, 5) = 2^2+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 4, 1, 4, 1) = 2^4+2^6+2^7+2^{10}+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 4, 1, 3, 2) = 2+2^2+2^3+2^4+2^6+2^{10}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 4, 1, 3, 1, 1) = 2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 4, 1, 2, 3) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 4, 1, 2, 2, 1) = 2+2^3+2^7+2^8+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 4, 1, 2, 1, 2) = 2+2^2+2^4+2^5+2^9+2^{10}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 4, 1, 2, 1, 1, 1) = 2^2+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 4, 1, 1, 4) = 2^2+2^3+2^6+2^8+2^{10}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 4, 1, 1, 3, 1) = 2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 4, 1, 1, 2, 2) = 2+2^2+2^4+2^5+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 4, 1, 1, 2, 1, 1) = 2^2+2^3+2^5+2^6+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 4, 1, 1, 1, 3) = 2^2+2^5+2^6+2^7+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 4, 1, 1, 1, 2, 1) = 2+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 4, 1, 1, 1, 1, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 4, 1, 1, 1, 1, 1, 1) = 2^2+2^4+2^5+2^{10}+2^{11}+2^{12}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 7) = 2^2+2^3+2^4+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 6, 1) = 2+2^3+2^6+2^7+2^8+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 5, 2) = 2+2^4+2^5+2^8+2^9+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 5, 1, 1) = 2+2^2+2^3+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 4, 3) = 2^3+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 4, 2, 1) = 2^2+2^4+2^7+2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 4, 1, 2) = 2^4+2^5+2^9+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 4, 1, 1, 1) = 2+2^2+2^3+2^4+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 3, 4) = 2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 3, 3, 1) = 2+2^2+2^3+2^4+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 3, 2, 2) = 2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 3, 2, 1, 1) = 2+2^2+2^4+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 3, 1, 3) = 2+2^4+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 3, 1, 2, 1) = 2+2^4+2^5+2^6+2^8+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 3, 1, 1, 2) = 2+2^3+2^4+2^5+2^9+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 3, 1, 1, 1, 1) = 2+2^3+2^5+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 2, 5) = 2+2^2+2^3+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 2, 4, 1) = 2+2^3+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 2, 3, 2) = 2^2+2^3+2^6+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 2, 3, 1, 1) = 2^2+2^4+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 2, 2, 3) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 2, 2, 2, 1) = 2+2^4+2^6+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 2, 2, 1, 2) = 2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 2, 2, 1, 1, 1) = 2^3+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 2, 1, 4) = 2^2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 2, 1, 3, 1) = 2+2^3+2^4+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 2, 1, 2, 2) = 2^3+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 2, 1, 2, 1, 1) = 2+2^3+2^{11}+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 2, 1, 1, 3) = 2+2^2+2^4+2^5+2^6+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 2, 1, 1, 2, 1) = 2^2+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 2, 1, 1, 1, 2) = 2+2^3+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 2, 1, 1, 1, 1) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 6) = 2+2^2+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 5, 1) = 2+2^3+2^4+2^5+2^6+2^8+2^9+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 4, 2) = 2+2^6+2^7+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 4, 1, 1) = 2^4+2^5+2^7+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 3, 3) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 3, 2, 1) = 2^2+2^3+2^4+2^6+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 3, 1, 2) = 2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 3, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 2, 4) = 2^4+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 2, 3, 1) = 2+2^3+2^4+2^6+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 2, 2, 2) = 2+2^2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 2, 2, 1, 1) = 2+2^2+2^4+2^5+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 2, 1, 3) = 2+2^4+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 2, 1, 2, 1) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 2, 1, 1, 2) = 2^2+2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 2, 1, 1, 1) = 2^3+2^4+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 5) = 2+2^2+2^3+2^4+2^5+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 4, 1) = 2+2^2+2^5+2^6+2^8+2^9+2^{10}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 3, 2) = 2+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 3, 1, 1) = 2^3+2^4+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 2, 3) = 2+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 2, 2, 1) = 2^2+2^3+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 2, 1, 2) = 2^2+2^3+2^4+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 2, 1, 1) = 2^4+2^5+2^{10}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 4) = 2^2+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 3, 1) = 2+2^4+2^5+2^9+2^{10}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 2, 2) = 2+2^2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 2, 1, 1) = 2^2+2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 3) = 2+2^2+2^5+2^6+2^7+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 2, 1) = 2^4+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 2) = 2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 1, 1) = 2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 8) = 2^3+2^6+2^7+2^9+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 7, 1) = 2+2^3+2^4+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 6, 2) = 2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 6, 1, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 5, 3) = 2+2^2+2^5+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 5, 2, 1) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 5, 1, 2) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 5, 1, 1, 1) = 2+2^8+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 4, 4) = 2^2+2^4+2^9+2^{10}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 4, 3, 1) = 2^2+2^3+2^6+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 4, 2, 2) = 2^{10} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 4, 2, 1, 1) = 2^4+2^6+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 4, 1, 3) = 2+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 4, 1, 2, 1) = 2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 4, 1, 1, 2) = 2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 4, 1, 1, 1, 1) = 2+2^2+2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 3, 5) = 2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 3, 4, 1) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 3, 3, 2) = 2+2^3+2^4+2^5+2^{11}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 3, 3, 1, 1) = 2+2^3+2^4+2^7+2^8+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 3, 2, 3) = 2+2^2+2^3+2^7+2^{10}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 3, 2, 2, 1) = 2^4+2^7+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 3, 2, 1, 2) = 2^2+2^4+2^6+2^{10}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 3, 2, 1, 1, 1) = 2^2+2^3+2^4+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 3, 1, 4) = 2^4+2^5+2^6+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 3, 1, 3, 1) = 2+2^2+2^3+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 3, 1, 2, 2) = 2^4+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 3, 1, 2, 1, 1) = 2+2^2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 3, 1, 1, 3) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 3, 1, 1, 2, 1) = 2^2+2^4+2^5+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 3, 1, 1, 1, 2) = 2+2^2+2^3+2^4+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 3, 1, 1, 1, 1, 1) = 2^5+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 6) = 2^4+2^5+2^8+2^{10}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 5, 1) = 2+2^3+2^5+2^7+2^8+2^{11}+2^{12}+2^{14}+2^{18}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 4, 2) = 2^2+2^4+2^5+2^8+2^9+2^{10}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 4, 1, 1) = 2+2^4+2^5+2^6+2^{10}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 3, 3) = 2+2^7+2^{10}+2^{11}+2^{12}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 3, 2, 1) = 2^2+2^3+2^6+2^7+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 3, 1, 2) = 2+2^5+2^7+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 3, 1, 1, 1) = 2^5+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 2, 4) = 2+2^4+2^5+2^7+2^9+2^{10}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 2, 3, 1) = 2^3+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 2, 2, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 2, 2, 1, 1) = 2^4+2^5+2^6+2^{11}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 2, 1, 3) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 2, 1, 2, 1) = 2^4+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 2, 1, 1, 2) = 2^2+2^3+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 2, 1, 1, 1, 1) = 2^5+2^6+2^7+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 5) = 2+2^3+2^5+2^9+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 4, 1) = 2^2+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 3, 2) = 2^2+2^3+2^6+2^8+2^{10}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 3, 1, 1) = 2+2^3+2^4+2^7+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 2, 3) = 2+2^2+2^3+2^7+2^{10}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 2, 2, 1) = 2^5+2^8+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 2, 1, 2) = 2+2^2+2^4+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 2, 1, 1, 1) = 2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 4) = 2+2^3+2^4+2^6+2^7+2^9+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 3, 1) = 2^2+2^4+2^6+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 2, 2) = 2^2+2^6+2^8+2^9+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 2, 1, 1) = 2^5+2^6+2^8+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 3) = 2+2^2+2^5+2^6+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 2, 1) = 2^6+2^7+2^9+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 2) = 2^4+2^8+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 1, 1) = 2^8+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 7) = 2+2^2+2^3+2^5+2^6+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 6, 1) = 2^2+2^3+2^4+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 5, 2) = 2+2^3+2^4+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 5, 1, 1) = 2+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 4, 3) = 2^3+2^4+2^5+2^6+2^{10}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 4, 2, 1) = 2^2+2^5+2^8+2^{11}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 4, 1, 2) = 2+2^2+2^3+2^4+2^5+2^8+2^{10}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 4, 1, 1, 1) = 2^6+2^9+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 3, 4) = 2+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 3, 3, 1) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 3, 2, 2) = 2^2+2^3+2^8+2^{10}+2^{11}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 3, 2, 1, 1) = 2+2^3+2^6+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 3, 1, 3) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 3, 1, 2, 1) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 3, 1, 1, 2) = 2^4+2^5+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 3, 1, 1, 1, 1) = 2^2+2^3+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 5) = 2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 4, 1) = 2+2^3+2^4+2^5+2^8+2^9+2^{10}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 3, 2) = 2+2^2+2^6+2^7+2^9+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 3, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 2, 3) = 2+2^7+2^{10}+2^{11}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 2, 2, 1) = 2^6+2^8+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 2, 1, 2) = 2+2^5+2^6+2^9+2^{10}+2^{12}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 2, 1, 1, 1) = 2^7+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 4) = 2^2+2^3+2^4+2^5+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 3, 1) = 2+2^2+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 2, 2) = 2+2^2+2^4+2^9+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 2, 1, 1) = 2^4+2^6+2^7+2^9+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 3) = 2^2+2^3+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 2, 1) = 2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 2) = 2^2+2^4+2^7+2^8+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 1, 1) = 2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 6) = 2+2^2+2^4+2^5+2^8+2^9+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 5, 1) = 2^3+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 4, 2) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 4, 1, 1) = 2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 3, 3) = 2^3+2^4+2^5+2^6+2^{10}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 3, 2, 1) = 2^3+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 3, 1, 2) = 2^2+2^3+2^5+2^6+2^9+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 3, 1, 1, 1) = 2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 4) = 2^4+2^6+2^7+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 3, 1) = 2^2+2^5+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 2, 2) = 2^3+2^4+2^5+2^6+2^7+2^8+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 2, 1, 1) = 2^5+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 3) = 2^3+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 2, 1) = 2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 2) = 2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 1, 1) = 2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 5) = 2^3+2^6+2^7+2^8+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 4, 1) = 2+2^2+2^3+2^5+2^8+2^9+2^{11}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 3, 2) = 2+2^3+2^6+2^7+2^9+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 3, 1, 1) = 2^2+2^3+2^5+2^7+2^9+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 3) = 2+2^2+2^5+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 2, 1) = 2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 2) = 2^3+2^{10}+2^{11}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 1, 1) = 2^8+2^9+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 4) = 2+2^2+2^5+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 3, 1) = 2^7+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 2) = 2^4+2^6+2^7+2^8+2^{10}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 1, 1) = 2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 3) = 2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 2, 1) = 2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 2) = 2^9+2^{10}+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2^9+2^{10}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 9) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 8, 1) = 2^8+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 7, 2) = 2+2^3+2^4+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 7, 1, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 6, 3) = 2+2^2+2^5+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 6, 2, 1) = 2+2^3+2^5+2^7+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 6, 1, 2) = 2+2^2+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 6, 1, 1, 1) = 2^2+2^4+2^5+2^8+2^9+2^{15}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 5, 4) = 2^2+2^3+2^6+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 5, 3, 1) = 2+2^5+2^6+2^8+2^{11}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 5, 2, 2) = 2^4+2^6+2^8+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 5, 2, 1, 1) = 2+2^4+2^6+2^8+2^{10}+2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 5, 1, 3) = 2^2+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 5, 1, 2, 1) = 2^3+2^5+2^6+2^8+2^9+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 5, 1, 1, 2) = 2^2+2^4+2^6+2^{10}+2^{11}+2^{12}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 5, 1, 1, 1, 1) = 2^2+2^3+2^6+2^7+2^{11}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 4, 5) = 2^2+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 4, 4, 1) = 2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 4, 3, 2) = 2^3+2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 4, 3, 1, 1) = 2+2^2+2^4+2^6+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 4, 2, 3) = 2+2^3+2^4+2^6+2^7+2^9+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 4, 2, 2, 1) = 2+2^4+2^5+2^6+2^9+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 4, 2, 1, 2) = 2^2+2^3+2^5+2^6+2^9+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 4, 2, 1, 1, 1) = 2^2+2^6+2^7+2^9+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 4, 1, 4) = 2^2+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 4, 1, 3, 1) = 2^3+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 4, 1, 2, 2) = 2^4+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 4, 1, 2, 1, 1) = 2^3+2^7+2^8+2^9+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 4, 1, 1, 3) = 2^2+2^3+2^6+2^8+2^{10}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 4, 1, 1, 2, 1) = 2^3+2^4+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 4, 1, 1, 1, 2) = 2^2+2^3+2^4+2^5+2^7+2^{10}+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 4, 1, 1, 1, 1, 1) = 2^3+2^9+2^{10}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 6) = 2+2^2+2^3+2^4+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 5, 1) = 2+2^2+2^3+2^5+2^7+2^8+2^{10}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 4, 2) = 2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 4, 1, 1) = 2+2^2+2^3+2^6+2^8+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 3, 3) = 2^2+2^3+2^4+2^5+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 3, 2, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 3, 1, 2) = 2^2+2^3+2^4+2^6+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 3, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 2, 4) = 2^2+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 2, 3, 1) = 2+2^4+2^5+2^7+2^9+2^{11}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 2, 2, 2) = 2^2+2^3+2^4+2^7+2^8+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 2, 2, 1, 1) = 2^3+2^4+2^7+2^{10}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 2, 1, 3) = 2^2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 2, 1, 2, 1) = 2^2+2^3+2^7+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 2, 1, 1, 2) = 2^5+2^6+2^9+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 2, 1, 1, 1, 1) = 2^5+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 5) = 2+2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 4, 1) = 2^2+2^3+2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 3, 2) = 2^2+2^3+2^4+2^5+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 3, 1, 1) = 2^2+2^3+2^4+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 2, 3) = 2^4+2^5+2^6+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 2, 2, 1) = 2^2+2^3+2^5+2^6+2^8+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 2, 1, 2) = 2^2+2^5+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 2, 1, 1, 1) = 2^4+2^5+2^7+2^9+2^{10}+2^{11}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 4) = 2^2+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 3, 1) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 2, 2) = 2^5+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 2, 1, 1) = 2^5+2^8+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 3) = 2^2+2^6+2^7+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 2, 1) = 2^3+2^5+2^6+2^9+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 2) = 2^5+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 1, 1) = 2^8+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 7) = 2+2^4+2^5+2^6+2^7+2^8+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 6, 1) = 2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 5, 2) = 2+2^5+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 5, 1, 1) = 2+2^2+2^3+2^4+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 4, 3) = 2^4+2^6+2^7+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 4, 2, 1) = 2^2+2^3+2^4+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 4, 1, 2) = 2^2+2^3+2^5+2^6+2^{13}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 4, 1, 1, 1) = 2^2+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 3, 4) = 2+2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 3, 3, 1) = 2^3+2^4+2^5+2^7+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 3, 2, 2) = 2+2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 3, 2, 1, 1) = 2^2+2^8+2^9+2^{12}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 3, 1, 3) = 2^4 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 3, 1, 2, 1) = 2^2 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 3, 1, 1, 2) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 3, 1, 1, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 5) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 4, 1) = 2^2 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 3, 2) = 2 + 2^2 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 3, 1, 1) = 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 2, 3) = 2 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 2, 2, 1) = 2^6 + 2^7 + 2^8 + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 2, 1, 2) = 2^2 + 2^6 + 2^9 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 2, 1, 1, 1) = 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 4) = 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 3, 1) = 2^2 + 2^3 + 2^6 + 2^8 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 2, 2) = 2^2 + 2^4 + 2^9 + 2^{13} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 2, 1, 1) = 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 3) = 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 2, 1) = 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 2) = 2^3 + 2^4 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 1, 1) = 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 6) = 2 + 2^3 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 5, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 4, 2) = 2 + 2^8 + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 4, 1, 1) = 2^2 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 3, 3) = 2 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 3, 2, 1) = 2^3 + 2^4 + 2^6 + 2^8 + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 3, 1, 2) = 2^2 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 3, 1, 1, 1) = 2^4 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 4) = 2 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 3, 1) = 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 2, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 2, 1, 1) = 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 3) = 2^3 + 2^4 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 2, 1) = 2^5 + 2^6 + 2^7 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 2) = 2^5+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 1, 1) = 2^8+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 5) = 2^3+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 4, 1) = 2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{12}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 3, 2) = 2^4+2^5+2^8+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 3, 1, 1) = 2^4+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 3) = 2^2+2^4+2^9+2^{10}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 2, 1) = 2^6+2^7+2^8+2^{11}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 2) = 2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 1, 1) = 2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 4) = 2^2+2^3+2^6+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 3, 1) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 2) = 2^5+2^6+2^7+2^8+2^{11}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 1, 1) = 2^8+2^9+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 3) = 2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 2, 1) = 2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 2) = 2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 8) = 2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 7, 1) = 2+2^2+2^3+2^7+2^8+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 6, 2) = 2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 6, 1, 1) = 2^2+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 5, 3) = 2^3+2^6+2^7+2^8+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 5, 2, 1) = 2^3+2^5+2^6+2^8+2^{10}+2^{12}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 5, 1, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 5, 1, 1, 1) = 2^2+2^3+2^6+2^7+2^{11}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 4, 4) = 2^3+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 4, 3, 1) = 2+2^3+2^4+2^5+2^{10}+2^{11}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 4, 2, 2) = 2+2^5+2^6+2^7+2^8+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 4, 2, 1, 1) = 2+2^6+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 4, 1, 3) = 2+2^2+2^3+2^4+2^5+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 4, 1, 2, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 4, 1, 1, 2) = 2^2+2^5+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 4, 1, 1, 1) = 2^4+2^6+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 5) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 4, 1) = 2+2^2+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 3, 2) = 2^2+2^6+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 3, 1, 1) = 2+2^2+2^5+2^7+2^{10}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 2, 3) = 2+2^3+2^5+2^9+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 2, 2, 1) = 2^3+2^6+2^8+2^{10}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 2, 1, 2) = 2+2^4+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 2, 1, 1, 1) = 2^3+2^5+2^6+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 4) = 2+2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 3, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 2, 2) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 2, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 3) = 2^2+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 2, 1) = 2^3+2^4+2^6+2^8+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 2) = 2^3+2^4+2^8+2^{11}+2^{12}+2^{13}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 1, 1) = 2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 6) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 5, 1) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 4, 2) = 2^2+2^4+2^5+2^6+2^9+2^{10}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 4, 1, 1) = 2+2^2+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 3, 3) = 2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 3, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{12}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 3, 1, 2) = 2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 3, 1, 1, 1) = 2^4+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 4) = 2+2^2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 3, 1) = 2^3+2^4+2^6+2^7+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 2, 2, 2) = 2^3+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 2, 1, 1) = 2^6+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 3) = 2+2^2+2^3+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 2, 1) = 2^5+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 2) = 2^3+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 1, 1) = 2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 5) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 4, 1) = 2+2^2+2^3+2^7+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 3, 2) = 2+2^2+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 3, 1, 1) = 2^5 + 2^8 + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 3) = 2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 2, 1) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 2) = 2^2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 1, 1) = 2^8+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 4) = 2^2+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 3, 1) = 2^4+2^7+2^8+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 2) = 2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 1, 1) = 2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 3) = 2^3+2^4+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 2, 1) = 2^9+2^{10}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 2) = 2^8+2^9+2^{10}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 7) = 2^3+2^6+2^9+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 6, 1) = 2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 5, 2) = 2+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 5, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 4, 3) = 2+2^2+2^4+2^5+2^8+2^9+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 4, 2, 1) = 2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 4, 1, 2) = 2+2^2+2^4+2^7+2^9+2^{10}+2^{11}+2^{13}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 4, 1, 1, 1) = 2^3+2^9+2^{10}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 4) = 2+2^3+2^5+2^6+2^9+2^{10}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 3, 1) = 2^4+2^5+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 2, 2) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 2, 1, 1) = 2^5+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 3) = 2+2^2+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 2, 1) = 2^4+2^5+2^8+2^{10}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 2) = 2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 1, 1) = 2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 5) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 4, 1) = 2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 3, 2) = 2^6 + 2^7 + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 3, 1, 1) = 2^4+2^5+2^9+2^{10}+2^{15}+2^{17}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 3) = 2^4 + 2^5 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 2, 1) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 2) = 2^4 + 2^5 + 2^6 + 2^9 + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 1, 1) = 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 4) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 3, 1) = 2^4 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 2) = 2^5 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 1, 1) = 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 3) = 2^3 + 2^4 + 2^5 + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 2, 1) = 2^9 + 2^{13} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 2) = 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 6) = 2^3 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 5, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 4, 2) = 2 + 2^4 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 4, 1, 1) = 2^2 + 2^6 + 2^8 + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 3) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 2, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 2) = 2^7 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 1, 1) = 2^8 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 4) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 3, 1) = 2^5 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 2) = 2^4 + 2^5 + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 1, 1) = 2^8 + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 3) = 2^2 + 2^3 + 2^4 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 2, 1) = 2^8 + 2^9 + 2^{13} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 2) = 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 5) = 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 4, 1) = 2^3 + 2^4 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 2) = 2^5 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 1, 1) = 2^{10} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 3) = 2^3 + 2^6 + 2^7 + 2^9 + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 2, 1) = 2^{11} + 2^{14} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 2) = 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 1) = 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 4) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 1) = 2^9 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 2) = 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 1, 1) = 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 3) = 2^9 + 2^{10} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 2, 1) = 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 1, 2) = 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20})
 \end{aligned}$$

**1.13. weight 12 case.**

$$\begin{aligned}
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(12) = O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(11, 1) = 2^6 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(10, 2) = 2^{10} + 2^{13} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(10, 1, 1) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(9, 3) = 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(9, 2, 1) = 2^5 + 2^7 + 2^{11} + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(9, 1, 2) = 2^5 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(9, 1, 1, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(8, 4) = 2^9 + 2^{10} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(8, 3, 1) = 2^5 + 2^7 + 2^9 + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(8, 2, 2) = 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(8, 2, 1, 1) = 2^3 + 2^4 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(8, 1, 3) = 2^5 + 2^{10} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(8, 1, 2, 1) = 2^3 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(8, 1, 1, 2) = 2^{10} + 2^{11} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(8, 1, 1, 1, 1) = 2 + 2^4 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(7, 5) = 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(7, 4, 1) = 2^5 + 2^9 + 2^{11} + 2^{14} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(7, 3, 2) = 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(7, 3, 1, 1) = 2 + 2^2 + 2^3 + 2^7 + 2^8 + 2^9 + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(7, 2, 3) = 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(7, 2, 2, 1) = 2^2 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{18} + O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(7, 2, 1, 2) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(7, 2, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(7, 1, 4) = 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(7, 1, 3, 1) = 2 + 2^2 + 2^4 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(7, 1, 2, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^{11} + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(7, 1, 2, 1, 1) = 2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(7, 1, 1, 3) = 2 + 2^2 + 2^3 + 2^5 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(7, 1, 1, 2, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(7, 1, 1, 1, 2) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(7, 1, 1, 1, 1, 1) = 2 + 2^3 + 2^5 + 2^6 + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(6, 6) = O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(6, 5, 1) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(6, 4, 2) = 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(6, 4, 1, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(6, 3, 3) = 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(6, 3, 2, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(6, 3, 1, 2) = 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(6, 3, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(6, 2, 4) = 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(6, 2, 3, 1) = 2^2 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(6, 2, 2, 2) = 2^4 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(6, 2, 2, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(6, 2, 1, 3) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(6, 2, 1, 2, 1) = 2 + 2^2 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(6, 2, 1, 1, 2) = 2 + 2^5 + 2^6 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(6, 2, 1, 1, 1, 1) = 2^3 + 2^4 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(6, 1, 5) = 2^6 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(6, 1, 4, 1) = 2^3 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(6, 1, 3, 2) = 2^7 + 2^8 + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(6, 1, 3, 1, 1) = 2 + 2^4 + 2^7 + 2^{13} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(6, 1, 2, 3) = 2^7 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(6, 1, 2, 2, 1) = 2 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(6, 1, 2, 1, 2) = 2^3 + 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(6, 1, 2, 1, 1, 1) = 2 + 2^2 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(6, 1, 1, 4) = 2^4 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(6, 1, 1, 3, 1) = 2 + 2^2 + 2^4 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(6, 1, 1, 2, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(6, 1, 1, 2, 1, 1) = 2^3 + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(6, 1, 1, 1, 3) = 2 + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(6, 1, 1, 1, 2, 1) = 2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(6, 1, 1, 1, 1, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(6, 1, 1, 1, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{15} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(5, 7) = 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(5, 6, 1) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(5, 5, 2) = 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(5, 5, 1, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(5, 4, 3) = 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(5, 4, 2, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(5, 4, 1, 2) = 2^3 + 2^4 + 2^5 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(5, 4, 1, 1, 1) = 2 + 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(5, 3, 4) = 2^6 + 2^8 + 2^{10} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(5, 3, 3, 1) = 2 + 2^2 + 2^4 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(5, 3, 2, 2) = 2^2 + 2^{11} + 2^{13} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(5, 3, 2, 1, 1) = 2^2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(5, 3, 1, 3) = 2 + 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(5, 3, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^7 + 2^9 + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(5, 3, 1, 1, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(5, 3, 1, 1, 1, 1) = 2^2 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{15} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(5, 2, 5) = 2^8 + 2^{11} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(5, 2, 4, 1) = 2^3 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(5, 2, 3, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(5, 2, 3, 1, 1) = 2^3 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(5, 2, 2, 3) = 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(5, 2, 2, 2, 1) = 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(5, 2, 2, 1, 2) = 2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(5, 2, 2, 1, 1, 1) = 2 + 2^2 + 2^4 + 2^8 + 2^9 + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(5, 2, 1, 4) = 2^3 + 2^6 + 2^{12} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(5, 2, 1, 3, 1) = 2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(5, 2, 1, 2, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(5, 2, 1, 2, 1, 1) = 2^2+2^3+2^5+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(5, 2, 1, 1, 3) = 2+2^5+2^6+2^{10}+2^{11}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 2, 1]) &= \zeta_2(5, 2, 1, 1, 2, 1) = 2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(5, 2, 1, 1, 1, 2) = 2^2+2^3+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(5, 2, 1, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^6+2^7+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(5, 1, 6) = 2^6+2^7+2^8+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(5, 1, 5, 1) = 2+2^2+2^5+2^{10}+2^{11}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(5, 1, 4, 2) = 2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(5, 1, 4, 1, 1) = 2+2^2+2^7+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(5, 1, 3, 3) = 2+2^2+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(5, 1, 3, 2, 1) = 2^3+2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(5, 1, 3, 1, 2) = 2^2+2^3+2^4+2^5+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(5, 1, 3, 1, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(5, 1, 2, 4) = 2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(5, 1, 2, 3, 1) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(5, 1, 2, 2, 2) = 2^2+2^3+2^5+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(5, 1, 2, 2, 1, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(5, 1, 2, 1, 3) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(5, 1, 2, 1, 2, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(5, 1, 2, 1, 1, 2) = 2^2+2^4+2^5+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(5, 1, 2, 1, 1, 1, 1) = 2^3+2^4+2^5+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(5, 1, 1, 5) = 2+2^2+2^3+2^4+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(5, 1, 1, 4, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(5, 1, 1, 3, 2) = 2+2^4+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(5, 1, 1, 3, 1, 1) = 2^8+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(5, 1, 1, 2, 3) = 2^2+2^3+2^4+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(5, 1, 1, 2, 2, 1) = 2^2+2^5+2^6+2^{10}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(5, 1, 1, 2, 1, 2) = 2+2^2+2^3+2^5+2^6+2^9+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(5, 1, 1, 2, 1, 1, 1) = 2+2^3+2^4+2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(5, 1, 1, 1, 4) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(5, 1, 1, 1, 3, 1) = 2+2^2+2^6+2^9+2^{11}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(5, 1, 1, 1, 2, 2) = 2^3+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(5, 1, 1, 1, 2, 1, 1) = 2+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(5, 1, 1, 1, 3) = 2^3+2^4+2^5+2^6+2^7+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(5, 1, 1, 1, 2, 1) = 2^4+2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(5, 1, 1, 1, 1, 2) = 2^3+2^5+2^6+2^8+2^9+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(5, 1, 1, 1, 1, 1, 1) = 2^4+2^5+2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(4, 8) = 2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(4, 7, 1) = 2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(4, 6, 2) = 2^8+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(4, 6, 1, 1) = 2^3+2^4+2^6+2^7+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(4, 5, 3) = 2^6+2^7+2^9+2^{10}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(4, 5, 2, 1) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(4, 5, 1, 2) = 2^6+2^9+2^{10}+2^{11}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(4, 5, 1, 1, 1) = 2+2^5+2^7+2^{11}+2^{12}+2^{13}+O(2^{20}) \\
&\quad \zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_2(4, 4, 4) = O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(4, 4, 3, 1) = 2^2+2^3+2^4+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(4, 4, 2, 2) = 2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(4, 4, 2, 1, 1) = 2+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(4, 4, 1, 3) = 2^4+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(4, 4, 1, 2, 1) = 2+2^2+2^4+2^5+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(4, 4, 1, 1, 2) = 2+2^9+2^{10}+2^{11}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(4, 4, 1, 1, 1, 1) = 2^2+2^4+2^5+2^6+2^{11}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(4, 3, 5) = 2^6+2^7+2^8+2^9+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(4, 3, 4, 1) = 2^3+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(4, 3, 3, 2) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(4, 3, 3, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(4, 3, 2, 3) = 2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(4, 3, 2, 2, 1) = 2^2+2^3+2^4+2^5+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(4, 3, 2, 1, 2) = 2^3+2^4+2^6+2^7+2^{10}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(4, 3, 2, 1, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(4, 3, 1, 4) = 2^8+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(4, 3, 1, 3, 1) = 2^2+2^3+2^5+2^6+2^9+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(4, 3, 1, 2, 2) = 2^3+2^4+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(4, 3, 1, 2, 1, 1) = 2^4+2^8+2^9+2^{10}+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
&\quad \zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) = \zeta_2(4, 3, 1, 1, 3) = 2^4+2^5+2^7+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(4, 3, 1, 1, 2, 1) = 2^2+2^7+2^8+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(4, 3, 1, 1, 1, 2) = 2^2+2^4+2^5+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(4, 3, 1, 1, 1, 1) = 2+2^2+2^4+2^8+2^9+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(4, 2, 6) = 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(4, 2, 5, 1) = 2^4+2^5+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(4, 2, 4, 2) = 2^3+2^5+2^7+2^8+2^9+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(4, 2, 4, 1, 1) = 2^6+2^8+2^9+2^{10}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(4, 2, 3, 3) = 2^2+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(4, 2, 3, 2, 1) = 2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(4, 2, 3, 1, 2) = 2+2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(4, 2, 3, 1, 1, 1) = 2+2^7+2^9+2^{10}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(4, 2, 2, 4) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(4, 2, 2, 3, 1) = 2+2^2+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(4, 2, 2, 2, 2) = 2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(4, 2, 2, 2, 1, 1) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(4, 2, 2, 1, 3) = 2+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(4, 2, 2, 1, 2, 1) = 2^2+2^4+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(4, 2, 2, 1, 1, 2) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{10}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(4, 2, 2, 1, 1, 1, 1) = 2+2^4+2^5+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(4, 2, 1, 5) = 2^3+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(4, 2, 1, 4, 1) = 2^2+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(4, 2, 1, 3, 2) = 2+2^2+2^6+2^9+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(4, 2, 1, 3, 1, 1) = 2^3+2^4+2^6+2^7+2^{10}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(4, 2, 1, 2, 3) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(4, 2, 1, 2, 2, 1) = 2+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(4, 2, 1, 2, 1, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(4, 2, 1, 2, 1, 1, 1) = 2+2^2+2^7+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(4, 2, 1, 1, 4) = 2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(4, 2, 1, 1, 3, 1) = 2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(4, 2, 1, 1, 2, 2) = 2+2^2+2^6+2^7+2^8+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(4, 2, 1, 1, 2, 1, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(4, 2, 1, 1, 1, 3) = 2^2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(4, 2, 1, 1, 1, 2, 1) = 2+2^2+2^5+2^6+2^9+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(4, 2, 1, 1, 1, 1, 2) = 2+2^5+2^6+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(4, 2, 1, 1, 1, 1, 1, 1) = 2^3+2^5+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(4, 1, 7) = 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(4, 1, 6, 1) = 2^3 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(4, 1, 5, 2) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{15} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(4, 1, 5, 1, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(4, 1, 4, 3) = 2^6 + 2^{12} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(4, 1, 4, 2, 1) = 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(4, 1, 4, 1, 2) = 2^3 + 2^5 + 2^6 + 2^7 + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(4, 1, 4, 1, 1, 1) = 2 + 2^5 + 2^7 + 2^{10} + 2^{12} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(4, 1, 3, 4) = 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(4, 1, 3, 3, 1) = 2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(4, 1, 3, 2, 2) = 2^3 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(4, 1, 3, 2, 1, 1) = 2^2 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(4, 1, 3, 1, 3) = 2 + 2^6 + 2^7 + 2^{12} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(4, 1, 3, 1, 2, 1) = 2 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(4, 1, 3, 1, 1, 2) = 2^4 + 2^5 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(4, 1, 3, 1, 1, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(4, 1, 2, 5) = 2^3 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(4, 1, 2, 4, 1) = 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(4, 1, 2, 3, 2) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(4, 1, 2, 3, 1, 1) = 2 + 2^3 + 2^6 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(4, 1, 2, 2, 3) = 2^3 + 2^4 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(4, 1, 2, 2, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(4, 1, 2, 2, 1, 2) = 2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(4, 1, 2, 2, 1, 1, 1) = 2^2 + 2^7 + 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(4, 1, 2, 1, 4) = 2^5 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(4, 1, 2, 1, 3, 1) = 2^4 + 2^5 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(4, 1, 2, 1, 2, 2) = 2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(4, 1, 2, 1, 2, 1, 1) = 2 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(4, 1, 2, 1, 1, 3) = 2 + 2^5 + 2^6 + 2^{11} + 2^{13} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(4, 1, 2, 1, 1, 2, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(4, 1, 2, 1, 1, 1, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(4, 1, 2, 1, 1, 1, 1, 1) = 2^2 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(4, 1, 1, 6) = 2^4 + 2^5 + 2^{10} + 2^{12} + 2^{15} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(4, 1, 1, 5, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(4, 1, 1, 4, 2) = 2^2+2^5+2^7+2^8+2^9+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(4, 1, 1, 4, 1, 1) = 2+2^2+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(4, 1, 1, 3, 3) = 2+2^3+2^4+2^6+2^7+2^8+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(4, 1, 1, 3, 2, 1) = 2+2^3+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(4, 1, 1, 3, 1, 2) = 2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(4, 1, 1, 3, 1, 1, 1) = 2^3+2^6+2^8+2^9+2^{11}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(4, 1, 1, 2, 4) = 2^4+2^{11}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(4, 1, 1, 2, 3, 1) = 2+2^2+2^3+2^5+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(4, 1, 1, 2, 2, 2) = 2+2^5+2^7+2^8+2^9+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(4, 1, 1, 2, 2, 1, 1) = 2+2^2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(4, 1, 1, 2, 1, 3) = 2+2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(4, 1, 1, 2, 1, 2, 1) = 2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(4, 1, 1, 2, 1, 1, 2) = 2+2^9+2^{10}+2^{11}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(4, 1, 1, 2, 1, 1, 1, 1) = 2^3+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(4, 1, 1, 1, 5) = 2+2^6+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(4, 1, 1, 1, 4, 1) = 2+2^5+2^9+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(4, 1, 1, 1, 3, 2) = 2^3+2^4+2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(4, 1, 1, 1, 3, 1, 1) = 2+2^5+2^6+2^{10}+2^{11}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(4, 1, 1, 1, 2, 3) = 2^6+2^9+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(4, 1, 1, 1, 2, 2, 1) = 2^2+2^4+2^5+2^6+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(4, 1, 1, 1, 2, 1, 2) = 2^4+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(4, 1, 1, 1, 2, 1, 1, 1) = 2^3+2^4+2^6+2^8+2^9+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(4, 1, 1, 1, 1, 4) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(4, 1, 1, 1, 1, 3, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{13}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(4, 1, 1, 1, 1, 2, 2) = 2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(4, 1, 1, 1, 1, 2, 1, 1) = 2^3+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(4, 1, 1, 1, 1, 1, 3) = 2^2+2^3+2^6+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(4, 1, 1, 1, 1, 1, 2, 1) = 2^2+2^3+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(4, 1, 1, 1, 1, 1, 1, 2) = 2^{10}+2^{11}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(4, 1, 1, 1, 1, 1, 1, 1, 1) = 2^6+2^9+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 9) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 8, 1) = 2^6+2^{10}+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(3, 7, 2) = 2^5+2^6+2^7+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(3, 7, 1, 1) = 2+2^2+2^6+2^7+2^9+2^{12}+2^{14}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 6, 3) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 6, 2, 1) = 2^2+2^3+2^9+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 6, 1, 2) = 2^4+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 6, 1, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 5, 4) = 2^5+2^6+2^7+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 5, 3, 1) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 5, 2, 2) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 5, 2, 1, 1) = 2+2^2+2^4+2^5+2^7+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 5, 1, 3) = 2+2^2+2^5+2^6+2^8+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 5, 1, 2, 1) = 2+2^2+2^3+2^7+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 5, 1, 1, 2) = 2^4+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 5, 1, 1, 1, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 4, 5) = 2^5+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 4, 4, 1) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 4, 3, 2) = 2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 4, 3, 1, 1) = 2+2^3+2^7+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 4, 2, 3) = 2^3+2^5+2^6+2^7+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 4, 2, 2, 1) = 2+2^2+2^3+2^4+2^8+2^9+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 4, 2, 1, 2) = 2+2^2+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 4, 2, 1, 1, 1) = 2^2+2^{10}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 4, 1, 4) = 2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 4, 1, 3, 1) = 2^5+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 4, 1, 2, 2) = 2^2+2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 4, 1, 2, 1, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 4, 1, 1, 3) = 2^3+2^5+2^6+2^7+2^9+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 4, 1, 1, 2, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 4, 1, 1, 1, 2) = 2+2^2+2^3+2^5+2^6+2^9+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 4, 1, 1, 1, 1, 1) = 2+2^2+2^3+2^6+2^7+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 3, 6) = 2^5+2^6+2^7+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 3, 5, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 3, 4, 2) = 2^2+2^3+2^4+2^5+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 3, 4, 1, 1) = 2^2+2^3+2^4+2^8+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 3, 3, 3) = 2+2^2+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 3, 3, 2, 1) = 2^2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 3, 3, 1, 2) = 2^2+2^3+2^5+2^6+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 3, 3, 1, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 3, 2, 4) = 2^2+2^6+2^7+2^8+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 3, 2, 3, 1) = 2+2^2+2^4+2^5+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 3, 2, 2, 2) = 2^3+2^4+2^8+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 3, 2, 2, 1, 1) = 2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 3, 2, 1, 3) = 2^4+2^5+2^6+2^9+2^{11}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 3, 2, 1, 2, 1) = 2+2^2+2^3+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 3, 2, 1, 1, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 3, 2, 1, 1, 1, 1) = 2^5+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 3, 1, 5) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 3, 1, 4, 1) = 2+2^2+2^4+2^6+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 3, 1, 3, 2) = 2+2^2+2^7+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 3, 1, 3, 1, 1) = 2+2^2+2^4+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 3, 1, 2, 3) = 2^2+2^3+2^4+2^6+2^7+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 3, 1, 2, 2, 1) = 2+2^5+2^7+2^{10}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 3, 1, 2, 1, 2) = 2^2+2^3+2^5+2^6+2^9+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 3, 1, 2, 1, 1, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 3, 1, 1, 4) = 2^3+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 3, 1, 1, 3, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 3, 1, 1, 2, 2) = 2+2^2+2^3+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 3, 1, 1, 2, 1, 1) = 2^2+2^3+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 3, 1, 1, 1, 3) = 2+2^2+2^4+2^6+2^9+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 3, 1, 1, 1, 2, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 3, 1, 1, 1, 1, 2) = 2^3+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 3, 1, 1, 1, 1, 1, 1) = 2^4+2^9+2^{12}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 2, 7) = 2^5+2^8+2^9+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 2, 6, 1) = 2^2+2^3+2^5+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(3, 2, 5, 2) = 2^7+2^8+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(3, 2, 5, 1, 1) = 2^2+2^5+2^8+2^{10}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 2, 4, 3) = 2^3+2^7+2^{11}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 2, 4, 2, 1) = 2^3+2^6+2^7+2^{10}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 2, 4, 1, 2) = 2+2^2+2^4+2^7+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 2, 4, 1, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{13}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 2, 3, 4) = 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 2, 3, 3, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 2, 3, 2, 2) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{11} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 2, 3, 2, 1, 1) = 2 + 2^3 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 2, 3, 1, 3) = 2 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 2, 3, 1, 2, 1) = 2 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 2, 3, 1, 1, 2) = 2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 2, 3, 1, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 2, 2, 5) = 2^2 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 2, 2, 4, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 2, 2, 3, 2) = 2 + 2^3 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 2, 2, 3, 1, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 2, 2, 2, 3) = 2^7 + 2^8 + 2^9 + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 2, 2, 2, 2, 1) = 2^4 + 2^5 + 2^6 + 2^9 + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 2, 2, 2, 1, 2) = 2^4 + 2^5 + 2^9 + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 2, 2, 2, 1, 1, 1) = 2^3 + 2^5 + 2^8 + 2^{10} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 2, 2, 1, 4) = 2^2 + 2^6 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 2, 2, 1, 3, 1) = 2 + 2^3 + 2^7 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 2, 2, 1, 2, 2) = 2^2 + 2^4 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 2, 2, 1, 2, 1, 1) = 2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 2, 2, 1, 1, 3) = 2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 2, 2, 1, 1, 2, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 2, 2, 1, 1, 1, 2) = 2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 2, 2, 1, 1, 1, 1, 1) = 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 2, 1, 6) = 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 2, 1, 5, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 2, 1, 4, 2) = 2 + 2^2 + 2^4 + 2^5 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 2, 1, 4, 1, 1) = 2^2 + 2^4 + 2^6 + 2^9 + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 2, 1, 3, 3) = 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 2, 1, 3, 2, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 2, 1, 3, 1, 2) = 2^3 + 2^5 + 2^8 + 2^{10} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 2, 1, 3, 1, 1, 1) = 2 + 2^3 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 2, 1, 2, 4) = 2 + 2^2 + 2^4 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 2, 1, 2, 3, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 2, 1, 2, 2) = 2^3 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 2, 1, 2, 2, 1) = 2^3 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 2, 1, 2, 1, 3) = 2^5 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 2, 1, 2, 1, 2, 1) = 2 + 2^2 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 2, 1, 2, 1, 1, 2) = 2^3 + 2^4 + 2^6 + 2^7 + 2^{10} + 2^{14} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 2, 1, 2, 1, 1, 1) = 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 2, 1, 1, 5) = 2^3 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 2, 1, 1, 4, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 2, 1, 1, 3, 2) = 2 + 2^2 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 2, 1, 1, 3, 1, 1) = 2 + 2^3 + 2^5 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 2, 1, 1, 2, 3) = 2 + 2^2 + 2^5 + 2^9 + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 2, 1, 1, 2, 2, 1) = 2^3 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 2, 1, 1, 2, 1, 2) = 2 + 2^2 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 2, 1, 1, 2, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 2, 1, 1, 1, 4) = 2 + 2^4 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 2, 1, 1, 1, 3, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 2, 1, 1, 1, 2, 2) = 2^7 + 2^9 + 2^{12} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 2, 1, 1, 1, 2, 1, 1) = 2^5 + 2^6 + 2^8 + 2^{12} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 2, 1, 1, 1, 1, 3) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 2, 1, 1, 1, 1, 2, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 2, 1, 1, 1, 1, 1, 2) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 2, 1, 1, 1, 1, 1, 1) = 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 8) = 2^5 + 2^8 + 2^{11} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 7, 1) = 2 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 6, 2) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 6, 1, 1) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 5, 3) = 2 + 2^3 + 2^5 + 2^7 + 2^8 + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 5, 2, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 5, 1, 2) = 2^4 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 5, 1, 1, 1) = 2 + 2^3 + 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 4, 4) = 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 4, 3, 1) = 2^3 + 2^6 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 4, 2, 2) = 2 + 2^2 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 4, 2, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 4, 1, 3) = 2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 4, 1, 2, 1) = 2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 4, 1, 1, 2) = 2+2^3+2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 4, 1, 1, 1, 1) = 2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 3, 5) = 2+2^3+2^4+2^5+2^8+2^{11}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 3, 4, 1) = 2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 3, 3, 2) = 2+2^3+2^4+2^5+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 3, 3, 1, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^9+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 3, 2, 3) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 3, 2, 2, 1) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 3, 2, 1, 2) = 2^3+2^5+2^8+2^{10}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 3, 2, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 3, 1, 4) = 2^2+2^3+2^4+2^6+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 3, 1, 3, 1) = 2^3+2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 3, 1, 2, 2) = 2+2^4+2^5+2^6+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 3, 1, 2, 1, 1) = 2+2^2+2^4+2^7+2^8+2^{11}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 3, 1, 1, 3) = 2+2^2+2^4+2^5+2^8+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 3, 1, 1, 2, 1) = 2+2^2+2^4+2^5+2^8+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 3, 1, 1, 1, 2) = 2^2+2^3+2^4+2^5+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 3, 1, 1, 1, 1, 1) = 2^5+2^6+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 2, 6) = 2^3+2^4+2^5+2^6+2^8+2^{10}+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 2, 5, 1) = 2+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 2, 4, 2) = 2^4+2^8+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 2, 4, 1, 1) = 2+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 2, 3, 3) = 2^3+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 2, 3, 2, 1) = 2^5+2^9+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 2, 3, 1, 2) = 2^2+2^3+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 2, 3, 1, 1, 1) = 2+2^2+2^4+2^5+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 2, 2, 4) = 2+2^2+2^5+2^7+2^8+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 2, 2, 3, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 2, 2, 2, 2) = 2^2+2^3+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 2, 2, 2, 1, 1) = 2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 2, 2, 1, 3) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{11}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 2, 2, 1, 2, 1) = 2+2^3+2^6+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 2, 2, 1, 1, 2) = 2+2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 2, 2, 1, 1, 1, 1) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 2, 1, 5) = 2+2^2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 2, 1, 4, 1) = 2^3+2^8+2^9+2^{10}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 2, 1, 3, 2) = 2+2^2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 2, 1, 3, 1, 1) = 2+2^2+2^3+2^7+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 2, 1, 2, 3) = 2+2^3+2^4+2^7+2^8+2^9+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 2, 1, 2, 2, 1) = 2^4+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 2, 1, 2, 1, 2) = 2^2+2^3+2^5+2^6+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 2, 1, 2, 1, 1, 1) = 2^2+2^3+2^4+2^6+2^9+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 2, 1, 1, 4) = 2+2^2+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 2, 1, 1, 3, 1) = 2^2+2^3+2^5+2^6+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 2, 1, 1, 2, 2) = 2+2^4+2^5+2^6+2^7+2^9+2^{10}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 2, 1, 1, 2, 1, 1) = 2^4+2^8+2^{10}+2^{11}+2^{12}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 2, 1, 1, 1, 3) = 2^2+2^3+2^5+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 2, 1, 1, 1, 2, 1) = 2^3+2^4+2^5+2^7+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 2, 1, 1, 1, 1, 2) = 2^4+2^5+2^6+2^8+2^9+2^{10}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 2, 1, 1, 1, 1, 1, 1) = 2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 7) = 2+2^3+2^7+2^8+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 6, 1) = 2+2^2+2^3+2^4+2^5+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 5, 2) = 2^2+2^4+2^5+2^6+2^8+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 5, 1, 1) = 2+2^2+2^6+2^9+2^{10}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 4, 3) = 2^2+2^3+2^8+2^9+2^{12}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 4, 2, 1) = 2+2^5+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 4, 1, 2) = 2^2+2^3+2^5+2^6+2^{10}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 4, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 3, 4) = 2+2^3+2^4+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 3, 3, 1) = 2+2^4+2^5+2^7+2^{10}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 3, 2, 2) = 2+2^3+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 3, 2, 1, 1) = 2^3+2^6+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 3, 1, 3) = 2+2^3+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 3, 1, 2, 1) = 2^3+2^4+2^5+2^6+2^8+2^{10}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 3, 1, 1, 2) = 2^3+2^5+2^6+2^7+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 3, 1, 1, 1, 1) = 2^3+2^4+2^8+2^{16}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 2, 5) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 2, 4, 1) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 2, 3, 2) = 2+2^4+2^6+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 2, 3, 1, 1) = 2+2^2+2^5+2^7+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 2, 2, 3) = 2^3+2^4+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 2, 2, 2, 1) = 2^3+2^5+2^6+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 2, 2, 1, 2) = 2+2^2+2^4+2^7+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 2, 2, 1, 1, 1) = 2^3+2^6+2^7+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 2, 1, 4) = 2+2^2+2^4+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 2, 1, 3, 1) = 2^4+2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 2, 1, 2, 2) = 2^2+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 2, 1, 2, 1, 1) = 2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 2, 1, 1, 3) = 2+2^2+2^5+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 2, 1, 1, 2, 1) = 2^4+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 2, 1, 1, 1, 2) = 2^3+2^4+2^5+2^9+2^{11}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 2, 1, 1, 1, 1, 1) = 2^6+2^9+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 6) = 2^3+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 5, 1) = 2+2^3+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 4, 2) = 2^2+2^3+2^5+2^8+2^{10}+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 4, 1, 1) = 2+2^2+2^3+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 3, 3) = 2^3+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 3, 2, 1) = 2^4+2^5+2^9+2^{10}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 3, 1, 2) = 2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 3, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 2, 4) = 2^3+2^4+2^8+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 2, 3, 1) = 2+2^4+2^6+2^7+2^8+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 2, 2, 2) = 2+2^4+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 2, 2, 1, 1) = 2^3+2^5+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 2, 1, 3) = 2^2+2^3+2^6+2^9+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 2, 1, 2, 1) = 2^2+2^5+2^9+2^{11}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 2, 1, 1, 2) = 2^6+2^9+2^{10}+2^{11}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 2, 1, 1, 1, 1) = 2^8+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 5) = 2+2^2+2^3+2^4+2^5+2^8+2^{10}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 4, 1) = 2+2^3+2^4+2^6+2^8+2^9+2^{10}+2^{11}+2^{14}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 3, 2) = 2^3+2^4+2^5+2^6+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 3, 1, 1) = 2^5+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 2, 3) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 2, 2, 1) = 2^4+2^7+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 2, 1, 2) = 2^4+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 2, 1, 1, 1) = 2^6+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 4) = 2^2+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 3, 1) = 2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 2, 2) = 2^4+2^6+2^7+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 2, 1, 1) = 2^7+2^8+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 3) = 2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 2, 1) = 2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 1, 2) = 2^5+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 2^7+2^{10}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 10) = 2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 9, 1) = 2^9+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 8, 2) = 2^9+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 8, 1, 1) = 2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 7, 3) = 2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 7, 2, 1) = 2^3+2^4+2^5+2^6+2^9+2^{10}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 7, 1, 2) = 2^4+2^6+2^7+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 7, 1, 1, 1) = 2^2+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 6, 4) = 2^8+2^9+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 6, 3, 1) = 2^2+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 6, 2, 2) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 6, 2, 1, 1) = 2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 6, 1, 3) = 2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 6, 1, 2, 1) = 2+2^2+2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 6, 1, 1, 2) = 2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 6, 1, 1, 1, 1) = 2^3+2^6+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 5, 5) = 2^6+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 5, 4, 1) = 2^3+2^5+2^6+2^7+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 5, 3, 2) = 2^8+2^9+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 5, 3, 1, 1) = 2+2^3+2^4+2^6+2^7+2^8+2^9+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 5, 2, 3) = 2^4 + 2^5 + 2^8 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 5, 2, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 5, 2, 1, 2) = 2^7 + 2^9 + 2^{12} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 5, 2, 1, 1, 1) = 2 + 2^4 + 2^9 + 2^{12} + 2^{14} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 5, 1, 4) = 2^4 + 2^7 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 5, 1, 3, 1) = 2 + 2^2 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 5, 1, 2, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 5, 1, 2, 1, 1) = 2^3 + 2^5 + 2^8 + 2^{10} + 2^{11} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 5, 1, 1, 3) = 2 + 2^3 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 5, 1, 1, 2, 1) = 2 + 2^2 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 5, 1, 1, 1, 2) = 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 5, 1, 1, 1, 1, 1) = 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 4, 6) = 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 4, 5, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 4, 4, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 4, 4, 1, 1) = 2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 4, 3, 3) = 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 4, 3, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 4, 3, 1, 2) = 2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 4, 3, 1, 1, 1) = 2^2 + 2^3 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 4, 2, 4) = 2^3 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 4, 2, 3, 1) = 2^4 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 4, 2, 2, 2) = 2^5 + 2^8 + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 4, 2, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 4, 2, 1, 3) = 2^2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 4, 2, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 4, 2, 1, 1, 2) = 2 + 2^2 + 2^6 + 2^7 + 2^8 + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 4, 2, 1, 1, 1, 1) = 2 + 2^2 + 2^4 + 2^7 + 2^9 + 2^{12} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 4, 1, 5) = 2^5 + 2^6 + 2^{12} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 4, 1, 4, 1) = 2^3 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 4, 1, 3, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^7 + 2^{10} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 4, 1, 3, 1, 1) = 2^3 + 2^7 + 2^8 + 2^{12} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 4, 1, 2, 3) = 2 + 2^2 + 2^5 + 2^7 + 2^8 + 2^{12} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 4, 1, 2, 2, 1) = 2^5 + 2^7 + 2^8 + 2^{11} + 2^{15} + 2^{16} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 4, 1, 2, 1, 2) = 2+2^2+2^3+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 4, 1, 2, 1, 1, 1) = 2+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 4, 1, 1, 4) = 2^2+2^3+2^5+2^6+2^8+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 4, 1, 1, 3, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 4, 1, 1, 2, 2) = 2^2+2^3+2^5+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 4, 1, 1, 2, 1, 1) = 2^4+2^5+2^7+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 4, 1, 1, 1, 3) = 2^4+2^6+2^{10}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 4, 1, 1, 1, 2, 1) = 2^2+2^6+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 4, 1, 1, 1, 1, 2) = 2+2^4+2^5+2^6+2^7+2^9+2^{11}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 4, 1, 1, 1, 1, 1, 1) = 2^2+2^3+2^5+2^9+2^{10}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 3, 7) = 2^6+2^8+2^{10}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 3, 6, 1) = 2^3+2^4+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 3, 5, 2) = 2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 3, 5, 1, 1) = 2^5+2^8+2^9+2^{10}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 3, 4, 3) = 2^4+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 3, 4, 2, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 3, 4, 1, 2) = 2^2+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 3, 4, 1, 1, 1) = 2+2^2+2^4+2^5+2^6+2^{10}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 3, 3, 4) = 2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 3, 3, 3, 1) = 2^2+2^3+2^4+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 3, 3, 2, 2) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 3, 3, 2, 1, 1) = 2+2^2+2^3+2^4+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 3, 3, 1, 3) = 2^2+2^3+2^4+2^9+2^{11}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 3, 3, 1, 2, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 3, 3, 1, 1, 2) = 2+2^5+2^6+2^7+2^8+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 3, 3, 1, 1, 1, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 3, 2, 5) = 2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 3, 2, 4, 1) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 3, 2, 3, 2) = 2^3+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 3, 2, 3, 1, 1) = 2^3+2^6+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 3, 2, 2, 3) = 2+2^2+2^5+2^8+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 3, 2, 2, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 3, 2, 2, 1, 2) = 2^2+2^4+2^6+2^7+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 3, 2, 2, 1, 1, 1) = 2^3+2^4+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{17}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 3, 2, 1, 4) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 3, 2, 1, 3, 1) = 2^5+2^6+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 3, 2, 1, 2, 2) = 2^4+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 3, 2, 1, 2, 1, 1) = 2+2^2+2^6+2^7+2^9+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 3, 2, 1, 1, 3) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 3, 2, 1, 1, 2, 1) = 2^7+2^8+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 3, 2, 1, 1, 1, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 3, 2, 1, 1, 1, 1, 1) = 2^4+2^5+2^7+2^{10}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 3, 1, 6) = 2^9 + 2^{10} + 2^{13} + O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 3, 1, 5, 1) = 2^3+2^4+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 3, 1, 4, 2) = 2+2^3+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 3, 1, 4, 1, 1) = 2+2^5+2^8+2^9+2^{10}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 3, 1, 3, 3) = 2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 3, 1, 3, 2, 1) = 2^2+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 3, 1, 3, 1, 2) = 2+2^4+2^5+2^6+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 3, 1, 3, 1, 1, 1) = 2+2^2+2^3+2^5+2^6+2^9+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 3, 1, 2, 4) = 2+2^3+2^6+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 3, 1, 2, 3, 1) = 2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 3, 1, 2, 2, 2) = 2^3+2^5+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 3, 1, 2, 2, 1, 1) = 2+2^3+2^4+2^6+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 3, 1, 2, 1, 3) = 2+2^2+2^3+2^4+2^5+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 3, 1, 2, 1, 2, 1) = 2^5+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 3, 1, 2, 1, 1, 2) = 2^3+2^4+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 3, 1, 2, 1, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 3, 1, 1, 5) = 2^3+2^4+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 3, 1, 1, 4, 1) = 2+2^3+2^5+2^7+2^9+2^{11}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 3, 1, 1, 3, 2) = 2+2^2+2^4+2^5+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 3, 1, 1, 3, 1, 1) = 2^2+2^7+2^8+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 3, 1, 1, 2, 3) = 2+2^2+2^3+2^6+2^9+2^{10}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 3, 1, 1, 2, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 3, 1, 1, 2, 1, 2) = 2^2+2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 3, 1, 1, 2, 1, 1, 1) = 2^4+2^5+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 3, 1, 1, 1, 4) = 2^6+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 3, 1, 1, 1, 3, 1) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 3, 1, 1, 1, 2, 2) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 3, 1, 1, 1, 2, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 3, 1, 1, 1, 1, 3) = 2+2^3+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 3, 1, 1, 1, 1, 2, 1) = 2^5+2^9+2^{10}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 3, 1, 1, 1, 1, 1, 2) = 2^3+2^4+2^5+2^6+2^{11}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 3, 1, 1, 1, 1, 1, 1, 1) = 2^6+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 8) = 2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 7, 1) = 2^2+2^3+2^5+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 6, 2) = 2^4+2^5+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 6, 1, 1) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 5, 3) = 2^3+2^5+2^6+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 5, 2, 1) = 2+2^2+2^3+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 5, 1, 2) = 2+2^4+2^6+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 5, 1, 1, 1) = 2^2+2^4+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 4, 4) = 2^4+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 4, 3, 1) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 4, 2, 2) = 2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 4, 2, 1, 1) = 2+2^2+2^3+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 4, 1, 3) = 2+2^2+2^3+2^5+2^7+2^{11}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 4, 1, 2, 1) = 2+2^2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 4, 1, 1, 2) = 2+2^5+2^7+2^8+2^9+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 4, 1, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 3, 5) = 2^2+2^4+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 3, 4, 1) = 2^3+2^5+2^6+2^9+2^{10}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 3, 3, 2) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 3, 3, 1, 1) = 2+2^3+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 3, 2, 3) = 2+2^8+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 3, 2, 2, 1) = 2^3+2^4+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 3, 2, 1, 2) = 2^3+2^5+2^6+2^7+2^{10}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 3, 2, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^9+2^{10}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 3, 1, 4) = 2^2+2^3+2^4+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 3, 1, 3, 1) = 2+2^3+2^4+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 3, 1, 2, 2) = 2^3+2^5+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 3, 1, 2, 1, 1) = 2^2+2^3+2^6+2^7+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 3, 1, 1, 3) = 2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 3, 1, 1, 2, 1) = 2^3+2^5+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 3, 1, 1, 1, 2) = 2^2+2^3+2^5+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 3, 1, 1, 1, 1, 1) = 2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 2, 6) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 2, 5, 1) = 2^2+2^3+2^6+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 2, 4, 2) = 2^5+2^6+2^7+2^9+2^{10}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 2, 4, 1, 1) = 2^2+2^3+2^4+2^5+2^8+2^{11}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 2, 3, 3) = 2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 2, 3, 2, 1) = 2^3+2^5+2^6+2^7+2^9+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 2, 3, 1, 2) = 2^2+2^3+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 2, 3, 1, 1, 1) = 2^3+2^4+2^{12}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 2, 2, 4) = 2^4+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 2, 2, 3, 1) = 2^3+2^4+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 2, 2, 2, 2) = O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 2, 2, 2, 1, 1) = 2^8+2^{10}+2^{11}+2^{12}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 2, 2, 1, 3) = 2^5+2^6+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 2, 2, 1, 2, 1) = 2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 2, 2, 1, 1, 2) = 2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 2, 2, 1, 1, 1, 1) = 2^5+2^6+2^8+2^{10}+2^{11}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 2, 1, 5) = 2^3+2^5+2^6+2^7+2^{10}+2^{12}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 2, 1, 4, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 2, 1, 3, 2) = 2+2^2+2^3+2^5+2^6+2^9+2^{11}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 2, 1, 3, 1, 1) = 2^4+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 2, 1, 2, 3) = 2+2^3+2^9+2^{10}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 2, 1, 2, 2, 1) = 2^3+2^4+2^6+2^7+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 2, 1, 2, 1, 2) = 2^3+2^4+2^8+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 2, 1, 2, 1, 1, 1) = 2^5+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 2, 1, 1, 4) = 2+2^3+2^4+2^8+2^9+2^{12}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 2, 1, 1, 3, 1) = 2^3+2^4+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 2, 1, 1, 2, 2) = 2^5+2^8+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 2, 1, 1, 2, 1, 1) = 2^5+2^6+2^{10}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 2, 1, 1, 1, 3) = 2^4+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 2, 1, 1, 1, 2, 1) = 2^5+2^6+2^7+2^8+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 2, 1, 1, 1, 1, 2) = 2^4+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 2, 1, 1, 1, 1, 1) = 2^{10}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 7) = 2^3+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 6, 1) = 2+2^2+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 5, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 5, 1, 1) = 2^2+2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 4, 3) = 2^2+2^3+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 4, 2, 1) = 2^2+2^3+2^5+2^7+2^9+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 4, 1, 2) = 2+2^3+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 4, 1, 1, 1) = 2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 3, 4) = 2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 3, 3, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 3, 2, 2) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 3, 2, 1, 1) = 2+2^2+2^3+2^6+2^8+2^9+2^{11}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 3, 1, 3) = 2^5+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 3, 1, 2, 1) = 2^4+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 3, 1, 1, 2) = 2^3+2^6+2^7+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 3, 1, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^6+2^9+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 2, 5) = 2+2^2+2^3+2^7+2^8+2^9+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 2, 4, 1) = 2+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 2, 3, 2) = 2+2^2+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 2, 3, 1, 1) = 2+2^2+2^7+2^8+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 2, 2, 3) = 2+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 2, 2, 2, 1) = 2^3+2^4+2^{10}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 2, 2, 1, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^{11}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 2, 2, 1, 1, 1) = 2^7+2^9+2^{10}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 2, 1, 4) = 2^2+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 2, 1, 3, 1) = 2^2+2^4+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 2, 1, 2, 2) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 2, 1, 2, 1, 1) = 2^4+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 2, 1, 1, 3) = 2^3+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 2, 1, 1, 2, 1) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 2, 1, 1, 1, 2) = 2^2+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 2, 1, 1, 1, 1, 1) = 2^7+2^{10}+2^{11}+2^{15}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 6) = 2+2^3+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 5, 1) = 2^2+2^4+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 4, 2) = 2+2^4+2^5+2^6+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 4, 1, 1) = 2+2^2+2^3+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 3, 3) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 3, 2, 1) = 2^3+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 3, 1, 2) = 2+2^2+2^8+2^{10}+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 3, 1, 1, 1) = 2^3+2^7+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 2, 4) = 2+2^3+2^4+2^5+2^8+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 2, 3, 1) = 2^3+2^4+2^5+2^7+2^8+2^{10}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 2, 2, 2) = 2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 2, 2, 1, 1) = 2^5+2^6+2^8+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 2, 1, 3) = 2+2^3+2^4+2^6+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 2, 1, 2, 1) = 2^5+2^6+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 2, 1, 1, 2) = 2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 2, 1, 1, 1, 1) = 2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 5) = 2^2+2^5+2^6+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 4, 1) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 3, 2) = 2+2^3+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 3, 1, 1) = 2^2+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 2, 3) = 2+2^3+2^4+2^5+2^6+2^9+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 2, 2, 1) = 2^4+2^6+2^7+2^9+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 2, 1, 2) = 2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 2, 1, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 4) = 2^2+2^6+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 3, 1) = 2^4+2^8+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 2, 2) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 2, 1, 1) = 2^8+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 3) = 2^2+2^4+2^5+2^6+2^7+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 2, 1) = 2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 1, 2) = 2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2^{11}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 9) = 2^5+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 8, 1) = 2^3+2^5+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 7, 2) = 2^4+2^6+2^7+2^8+2^9+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 7, 1, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^9+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 6, 3) = 2^4+2^5+2^6+2^7+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 6, 2, 1) = 2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 6, 1, 2) = 2^3+2^4+2^5+2^6+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 6, 1, 1, 1) = 2+2^3+2^5+2^7+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 5, 4) = 2^5+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 5, 3, 1) = 2+2^5+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 5, 2, 2) = 2+2^3+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 5, 2, 1, 1) = 2^3+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 5, 1, 3) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 5, 1, 2, 1) = 2+2^2+2^3+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 5, 1, 1, 2) = 2^3+2^4+2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 5, 1, 1, 1, 1) = 2+2^2+2^3+2^5+2^7+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 4, 5) = 2^3+2^4+2^6+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 4, 4, 1) = 2+2^4+2^5+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 4, 3, 2) = 2^2+2^4+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 4, 3, 1, 1) = 2+2^2+2^4+2^8+2^9+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 4, 2, 3) = 2+2^2+2^3+2^7+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 4, 2, 2, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 4, 2, 1, 2) = 2+2^2+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 4, 2, 1, 1, 1) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 4, 1, 4) = 2^4+2^6+2^7+2^9+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 4, 1, 3, 1) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 4, 1, 2, 2) = 2+2^2+2^4+2^5+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 4, 1, 2, 1, 1) = 2^2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 4, 1, 1, 3) = 2+2^6+2^7+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 4, 1, 1, 2, 1) = 2+2^2+2^4+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 4, 1, 1, 1, 2) = 2+2^4+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 4, 1, 1, 1, 1, 1) = 2^2+2^4+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 3, 6) = 2^4+2^5+2^9+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 3, 5, 1) = 2+2^2+2^4+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 3, 4, 2) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 3, 4, 1, 1) = 2+2^2+2^3+2^5+2^7+2^9+2^{10}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 3, 3, 3) = 2+2^3+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 3, 3, 2, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 3, 3, 1, 2) = 2+2^2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 3, 3, 1, 1, 1) = 2+2^3+2^4+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 3, 2, 4) = 2+2^3+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 3, 2, 3, 1) = 2+2^6+2^7+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 3, 2, 2, 2) = 2+2^2+2^3+2^5+2^6+2^9+2^{11}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 3, 2, 2, 1, 1) = 2+2^3+2^6+2^9+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 3, 2, 1, 3) = 2+2^3+2^5+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 3, 2, 1, 2, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 3, 2, 1, 1, 2) = 2+2^2+2^6+2^9+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 3, 2, 1, 1, 1, 1) = 2^4+2^5+2^8+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 3, 1, 5) = 2+2^2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 3, 1, 4, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 3, 1, 3, 2) = 2^5+2^7+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 3, 1, 3, 1, 1) = 2^3+2^4+2^6+2^7+2^9+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 3, 1, 2, 3) = 2^3+2^4+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 3, 1, 2, 2, 1) = 2^2+2^4+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 3, 1, 2, 1, 2) = 2+2^2+2^7+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 3, 1, 2, 1, 1, 1) = 2^3+2^5+2^7+2^8+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 3, 1, 1, 4) = 2^2+2^5+2^7+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 3, 1, 1, 3, 1) = 2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 3, 1, 1, 2, 2) = 2+2^2+2^3+2^4+2^5+2^7+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 3, 1, 1, 2, 1, 1) = 2^4+2^5+2^7+2^8+2^9+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 3, 1, 1, 1, 3) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 3, 1, 1, 1, 2, 1) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 3, 1, 1, 1, 1, 2) = 2^7+2^8+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 3, 1, 1, 1, 1, 1, 1) = 2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 2, 7) = 2^7+2^8+2^9+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 2, 6, 1) = 2+2^3+2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 2, 5, 2) = 2^5+2^6+2^7+2^9+2^{11}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 2, 5, 1, 1) = 2+2^2+2^3+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 4, 3) = 2+2^2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 4, 2, 1) = 2+2^2+2^3+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 4, 1, 2) = 2+2^4+2^6+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 4, 1, 1, 1) = 2+2^2+2^3+2^5+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 3, 4) = 2^3+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 3, 3, 1) = 2+2^2+2^3+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 3, 2, 2) = 2+2^2+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 3, 2, 1, 1) = 2^4+2^5+2^7+2^8+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 3, 1, 3) = 2+2^3+2^4+2^5+2^6+2^8+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 3, 1, 2, 1) = 2+2^2+2^3+2^6+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 3, 1, 1, 2) = 2^2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 3, 1, 1, 1, 1) = 2^3+2^4+2^{11}+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 2, 2, 5) = 2+2^2+2^4+2^5+2^6+2^7+2^{10}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 2, 2, 4, 1) = 2^2+2^3+2^4+2^8+2^9+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 2, 2, 3, 2) = 2^2+2^4+2^5+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 2, 2, 3, 1, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 2, 2, 3) = 2^3+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 2, 2, 2, 1) = 2^3+2^{10}+2^{11}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 2, 2, 1, 2) = 2+2^3+2^6+2^7+2^9+2^{10}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 2, 2, 1, 1, 1) = 2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 2, 1, 4) = 2^2+2^3+2^4+2^8+2^9+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 2, 1, 3, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 2, 1, 2, 2) = 2^3+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 2, 1, 2, 1, 1) = 2^9+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 2, 1, 1, 3) = 2+2^3+2^7+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 2, 1, 1, 2, 1) = 2^5+2^9+2^{10}+2^{11}+2^{12}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 2, 1, 1, 1, 2) = 2^3+2^4+2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 2, 1, 1, 1, 1, 1) = 2^9+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 2, 1, 6) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 2, 1, 5, 1) = 2+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 2, 1, 4, 2) = 2^2+2^4+2^5+2^6+2^8+2^{10}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 2, 1, 4, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 3, 3) = 2^4+2^5+2^6+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 3, 2, 1) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 3, 1, 2) = 2+2^3+2^4+2^5+2^6+2^{11}+2^{12}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 3, 1, 1, 1) = 2^2+2^3+2^4+2^5+2^7+2^{10}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 1, 2, 4) = 2^3+2^4+2^6+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 1, 2, 3, 1) = 2+2^3+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 1, 2, 2, 2) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 1, 2, 2, 1, 1) = 2^5+2^6+2^9+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 2, 1, 3) = 2+2^2+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 2, 1, 2, 1) = 2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 2, 1, 1, 2) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 2, 1, 1, 1, 1) = 2^6+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 5) = 2+2^2+2^3+2^4+2^9+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 4, 1) = 2^2+2^4+2^6+2^7+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 3, 2) = 2^2+2^4+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 3, 1, 1) = 2^4+2^5+2^7+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 2, 3) = 2+2^3+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 2, 2, 1) = 2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 2, 1, 2) = 2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 2, 1, 1, 1) = 2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 4) = 2+2^2+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 3, 1) = 2^2+2^3+2^5+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 2, 2) = 2^8+2^9+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 2, 1, 1) = 2^6+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1, 3) = 2^3+2^6+2^7+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1, 2, 1) = 2^9+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1, 1, 2) = 2^7+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 2^{10}+2^{11}+2^{12}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 8) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 7, 1) = 2+2^2+2^5+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 6, 2) = 2+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 6, 1, 1) = 2^3+2^4+2^6+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 5, 3) = 2+2^3+2^5+2^6+2^9+2^{10}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 5, 2, 1) = 2+2^2+2^3+2^4+2^5+2^7+2^{10}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 5, 1, 2) = 2^2+2^3+2^5+2^8+2^{10}+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 5, 1, 1, 1) = 2^4+2^9+2^{12}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 4, 4) = 2+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 4, 3, 1) = 2+2^2+2^6+2^{10}+2^{11}+2^{12}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 4, 2, 2) = 2+2^4+2^5+2^6+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 4, 2, 1, 1) = 2+2^2+2^4+2^8+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 4, 1, 3) = 2^2+2^7+2^8+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 4, 1, 2, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 4, 1, 1, 2) = 2^2+2^5+2^7+2^8+2^9+2^{10}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 4, 1, 1, 1, 1) = 2^3+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 3, 5) = 2+2^2+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 3, 4, 1) = 2^2+2^3+2^8+2^{10}+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 3, 3, 2) = 2^2+2^4+2^5+2^6+2^8+2^{10}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 3, 3, 1, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 3, 2, 3) = 2^4+2^8+2^9+2^{10}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 3, 2, 2, 1) = 2^4+2^5+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 3, 2, 1, 2) = 2+2^2+2^4+2^5+2^9+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 3, 2, 1, 1, 1) = 2^3+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 3, 1, 4) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 3, 1, 3, 1) = 2+2^2+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 3, 1, 2, 2) = 2+2^3+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 3, 1, 2, 1, 1) = 2^2+2^7+2^9+2^{10}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 3, 1, 1, 3) = 2^3+2^6+2^9+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 3, 1, 1, 2, 1) = 2^3+2^4+2^{10}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 3, 1, 1, 1, 2) = 2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 3, 1, 1, 1, 1, 1) = 2^6+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 6) = 2+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 5, 1) = 2^5+2^7+2^8+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 4, 2) = 2^2+2^4+2^5+2^6+2^7+2^8+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 4, 1, 1) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 3, 3) = 2^3+2^4+2^6+2^7+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 3, 2, 1) = 2^3+2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 3, 1, 2) = 2^4+2^8+2^{10}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 3, 1, 1, 1) = 2^3+2^5+2^6+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 2, 4) = 2^2+2^6+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 2, 3, 1) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 2, 2, 2) = 2^5+2^6+2^7+2^9+2^{10}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 2, 2, 1, 1) = 2^{10}+2^{11}+2^{12}+2^{16}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 2, 1, 3) = 2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 2, 1, 2, 1) = 2^7+2^8+2^9+2^{10}+2^{12}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 2, 1, 1, 2) = 2^3+2^5+2^7+2^8+2^9+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 2, 1, 1, 1, 1) = 2^9+2^{10}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 5) = 2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 4, 1) = 2+2^2+2^3+2^4+2^6+2^8+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 3, 2) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 3, 1, 1) = 2^4+2^7+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 2, 3) = 2+2^5+2^6+2^8+2^{11}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 2, 2, 1) = 2^7+2^9+2^{13}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 2, 1, 2) = 2^2+2^3+2^4+2^5+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 2, 1, 1, 1) = 2^{11}+2^{12}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 4) = 2+2^5+2^6+2^7+2^9+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 3, 1) = 2^6+2^8+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 2, 2) = 2^3+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 2, 1, 1) = 2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 3) = 2^4+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 2, 1) = 2^8+2^9+2^{10}+2^{12}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 1, 2) = 2^8+2^9+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 2^{12}+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 7) = 2+2^2+2^3+2^4+2^5+2^7+2^8+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 6, 1) = 2+2^3+2^4+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 5, 2) = 2^3+2^7+2^8+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 5, 1, 1) = 2+2^4+2^9+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 4, 3) = 2^3+2^4+2^5+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 4, 2, 1) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 4, 1, 2) = 2^2+2^4+2^5+2^6+2^8+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 4, 1, 1, 1) = 2^3+2^4+2^8+2^9+2^{11}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 3, 4) = 2^2+2^4+2^5+2^6+2^7+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 3, 3, 1) = 2+2^3+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 3, 2, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 3, 2, 1, 1) = 2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 3, 1, 3) = 2^3+2^4+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 3, 1, 2, 1) = 2^2+2^4+2^5+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 3, 1, 1, 2) = 2^4+2^5+2^6+2^7+2^{10}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 3, 1, 1, 1, 1) = 2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 5) = 2+2^2+2^3+2^4+2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 4, 1) = 2+2^3+2^5+2^{10}+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 3, 2) = 2^5+2^6+2^7+2^9+2^{11}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 3, 1, 1) = 2^4+2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 2, 3) = 2+2^4+2^5+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 2, 2, 1) = 2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 2, 1, 2) = 2^7+2^8+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 2, 1, 1, 1) = 2^7+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 4) = 2^4+2^6+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 3, 1) = 2^3+2^5+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 2, 2) = 2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 2, 1, 1) = 2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 3) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 2, 1) = 2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 1, 2) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 6) = 2^2+2^3+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 5, 1) = 2^6+2^9+2^{10}+2^{12}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 4, 2) = 2+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 4, 1, 1) = 2^2+2^3+2^5+2^7+2^8+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 3, 3) = 2+2^6+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 3, 2, 1) = 2^7+2^9+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 3, 1, 2) = 2^3+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 3, 1, 1, 1) = 2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 4) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 3, 1) = 2^4+2^5+2^6+2^7+2^8+2^{12}+2^{13}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 2, 2) = 2^4+2^5+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 2, 1, 1) = 2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 3) = 2^2+2^3+2^4+2^5+2^7+2^9+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 2, 1) = 2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 1, 2) = 2^8+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 5) = 2+2^5+2^6+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 4, 1) = 2^2+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 3, 2) = 2^4+2^6+2^7+2^8+2^9+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 3, 1, 1) = 2^6+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 3) = 2^3+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 2, 1) = 2^6+2^9+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 1, 2) = 2^5+2^6+2^7+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 2^9+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 4) = 2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 3, 1) = 2^7+2^8+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 2, 2) = 2^9+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 2^9+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 3) = 2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 2^{11}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 2^{10}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 11) = 2^6+2^8+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 10, 1) = 2^6+2^{10}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 9, 2) = 2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 9, 1, 1) = 2+2^2+2^3+2^4+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 8, 3) = 2^6+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 8, 2, 1) = 2^3+2^6+2^7+2^8+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 8, 1, 2) = 2^3+2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 8, 1, 1, 1) = 2+2^5+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 7, 4) = 2^5+2^7+2^8+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 7, 3, 1) = 2+2^2+2^3+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 7, 2, 2) = 2^2+2^4+2^5+2^6+2^7+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 7, 2, 1, 1) = 2^3+2^4+2^6+2^7+2^8+2^{10}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 7, 1, 3) = 2+2^2+2^3+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 7, 1, 2, 1) = 2+2^2+2^4+2^6+2^7+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 7, 1, 1, 2) = 2^2+2^3+2^6+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 7, 1, 1, 1, 1) = 2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 6, 5) = 2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 6, 4, 1) = 2^3+2^4+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 6, 3, 2) = 2^3+2^6+2^7+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 6, 3, 1, 1) = 2^2+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 6, 2, 3) = 2^2+2^3+2^5+2^6+2^7+2^8+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 6, 2, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 6, 2, 1, 2) = 2+2^2+2^3+2^4+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 6, 2, 1, 1, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 6, 1, 4) = 2^3+2^4+2^6+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 6, 1, 3, 1) = 2+2^2+2^3+2^5+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 6, 1, 2, 2) = 2+2^3+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 6, 1, 2, 1, 1) = 2^4+2^5+2^8+2^9+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 6, 1, 1, 3) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 6, 1, 1, 2, 1) = 2^2+2^5+2^6+2^7+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 6, 1, 1, 1, 2) = 2^3+2^4+2^5+2^6+2^7+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 6, 1, 1, 1, 1, 1) = 2+2^3+2^6+2^7+2^{11}+2^{12}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 5, 6) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 5, 5, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 5, 4, 2) = 2^4+2^5+2^9+2^{10}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 5, 4, 1, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 5, 3, 3) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 5, 3, 2, 1) = 2^3+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 5, 3, 1, 2) = 2^2+2^3+2^5+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 5, 3, 1, 1, 1) = 2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 5, 2, 4) = 2^3+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 5, 2, 3, 1) = 2^3+2^4+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 5, 2, 2, 2) = 2^4+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 5, 2, 2, 1, 1) = 2+2^2+2^3+2^5+2^6+2^8+2^{11}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 5, 2, 1, 3) = 2+2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 5, 2, 1, 2, 1) = 2+2^3+2^4+2^5+2^8+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 5, 2, 1, 1, 2) = 2^2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 5, 2, 1, 1, 1, 1) = 2+2^2+2^3+2^4+2^6+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 5, 1, 5) = 2+2^2+2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 5, 1, 4, 1) = 2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 5, 1, 3, 2) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 5, 1, 3, 1, 1) = 2^3+2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 5, 1, 2, 3) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 5, 1, 2, 2, 1) = 2^2+2^3+2^4+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 5, 1, 2, 1, 2) = 2+2^2+2^4+2^6+2^9+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 5, 1, 2, 1, 1, 1) = 2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 5, 1, 1, 4) = 2^2+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 5, 1, 1, 3, 1) = 2+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 5, 1, 1, 2, 2) = 2^4+2^6+2^{10}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 5, 1, 1, 2, 1, 1) = 2^2+2^3+2^4+2^6+2^7+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 5, 1, 1, 1, 3) = 2^2+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 5, 1, 1, 1, 2, 1) = 2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 5, 1, 1, 1, 1, 2) = 2+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 5, 1, 1, 1, 1, 1, 1) = 2+2^2+2^5+2^6+2^8+2^{10}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 4, 7) = 2^5+2^6+2^7+2^8+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 4, 6, 1) = 2^3+2^5+2^7+2^9+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 4, 5, 2) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 4, 5, 1, 1) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 4, 4, 3) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 4, 4, 2, 1) = 2+2^3+2^4+2^6+2^9+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 4, 4, 1, 2) = 2+2^2+2^5+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 4, 4, 1, 1, 1) = 2^6+2^9+2^{12}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 4, 3, 4) = 2^3+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 4, 3, 3, 1) = 2^4+2^5+2^6+2^7+2^9+2^{11}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 4, 3, 2, 2) = 2^3+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 4, 3, 2, 1, 1) = 2+2^7+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 4, 3, 1, 3) = 2^2+2^3+2^4+2^6+2^7+2^9+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 4, 3, 1, 2, 1) = 2+2^4+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 4, 3, 1, 1, 2) = 2+2^5+2^6+2^{11}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 4, 3, 1, 1, 1, 1) = 2+2^3+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 4, 2, 5) = 2^5+2^7+2^9+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 4, 2, 4, 1) = 2^4+2^5+2^8+2^{11}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 4, 2, 3, 2) = 2+2^3+2^7+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 4, 2, 3, 1, 1) = 2^2+2^6+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 4, 2, 2, 3) = 2+2^4+2^6+2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 4, 2, 2, 2, 1) = 2^3+2^5+2^7+2^9+2^{13}+2^{16}+2^{17}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 4, 2, 2, 1, 2) = 2+2^3+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 4, 2, 2, 1, 1, 1) = 2+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 4, 2, 1, 4) = 2^2+2^7+2^8+2^{10}+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 4, 2, 1, 3, 1) = 2+2^3+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 4, 2, 1, 2, 2) = 2^2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 4, 2, 1, 2, 1, 1) = 2^2+2^7+2^8+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 4, 2, 1, 1, 3) = 2^5+2^8+2^{10}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 4, 2, 1, 1, 2, 1) = 2^5+2^6+2^{10}+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 4, 2, 1, 1, 1, 2) = 2+2^5+2^6+2^{10}+2^{11}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 4, 2, 1, 1, 1, 1, 1) = 2^2+2^3+2^4+2^8+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 4, 1, 6) = 2^3+2^4+2^5+2^8+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 4, 1, 5, 1) = 2+2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 4, 1, 4, 2) = 2^3+2^6+2^9+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 4, 1, 4, 1, 1) = 2+2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 4, 1, 3, 3) = 2+2^2+2^3+2^7+2^9+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 4, 1, 3, 2, 1) = 2+2^2+2^5+2^6+2^7+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 4, 1, 3, 1, 2) = 2+2^2+2^4+2^5+2^8+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 4, 1, 3, 1, 1, 1) = 2+2^2+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 4, 1, 2, 4) = 2^2+2^5+2^7+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 4, 1, 2, 3, 1) = 2^2+2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 4, 1, 2, 2, 2) = 2+2^3+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 4, 1, 2, 2, 1, 1) = 2+2^3+2^4+2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 4, 1, 2, 1, 3) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 4, 1, 2, 1, 2, 1) = 2^2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 4, 1, 2, 1, 1, 2) = 2^4+2^5+2^7+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 4, 1, 2, 1, 1, 1, 1) = 2+2^2+2^3+2^5+2^6+2^7+2^{13}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 4, 1, 1, 5) = 2+2^2+2^3+2^7+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 4, 1, 1, 4, 1) = 2+2^2+2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 4, 1, 1, 3, 2) = 2+2^6+2^7+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 4, 1, 1, 3, 1, 1) = 2+2^3+2^4+2^7+2^9+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 4, 1, 1, 2, 3) = 2^2+2^7+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 4, 1, 1, 2, 2, 1) = 2+2^3+2^5+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 4, 1, 1, 2, 1, 2) = 2^3+2^5+2^6+2^7+2^9+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 4, 1, 1, 2, 1, 1, 1) = 2^2+2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 4, 1, 1, 1, 4) = 2^2+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 4, 1, 1, 1, 3, 1) = 2+2^2+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 4, 1, 1, 1, 2, 2) = 2+2^3+2^7+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 4, 1, 1, 1, 2, 1, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 4, 1, 1, 1, 1, 3) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 4, 1, 1, 1, 1, 2, 1) = 2^2+2^3+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 4, 1, 1, 1, 1, 1, 2) = 2+2^2+2^3+2^5+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 4, 1, 1, 1, 1, 1, 1, 1) = 2^7+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 8) = 2^5+2^6+2^8+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 7, 1) = 2+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 6, 2) = 2^2+2^3+2^4+2^5+2^7+2^9+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 6, 1, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^{11}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 5, 3) = 2+2^9+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 5, 2, 1) = 2+2^2+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 5, 1, 2) = 2^2+2^3+2^6+2^9+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 5, 1, 1, 1) = 2^2+2^4+2^7+2^9+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 4, 4) = 2^2+2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 4, 3, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 4, 2, 2) = 2+2^3+2^4+2^6+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 4, 2, 1, 1) = 2^4+2^7+2^8+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 4, 1, 3) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 4, 1, 2, 1) = 2+2^2+2^3+2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 4, 1, 1, 2) = 2+2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 4, 1, 1, 1, 1) = 2+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 3, 5) = 2+2^3+2^4+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 3, 4, 1) = 2^2+2^5+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 3, 3, 2) = 2+2^2+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 3, 3, 1, 1) = 2+2^2+2^3+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 3, 2, 3) = 2+2^2+2^3+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 3, 2, 2, 1) = 2+2^2+2^8+2^9+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 3, 2, 1, 2) = 2^5+2^6+2^8+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 3, 2, 1, 1, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 3, 1, 4) = 2^2+2^3+2^7+2^8+2^9+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 3, 1, 3, 1) = 2+2^5+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 3, 1, 2, 2) = 2+2^2+2^3+2^4+2^5+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 3, 1, 2, 1, 1) = 2+2^2+2^3+2^6+2^8+2^9+2^{10}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 3, 1, 1, 3) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 3, 1, 1, 2, 1) = 2+2^3+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 3, 1, 1, 1, 2) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 3, 1, 1, 1, 1) = 2^4+2^5+2^7+2^9+2^{10}+2^{12}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 2, 6) = 2^2+2^3+2^4+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 2, 5, 1) = 2^2+2^{10}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 2, 4, 2) = 2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 2, 4, 1, 1) = 2^2+2^3+2^4+2^5+2^6+2^{10}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 2, 3, 3) = 2+2^2+2^4+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 2, 3, 2, 1) = 2^4+2^6+2^7+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 2, 3, 1, 2) = 2+2^2+2^4+2^6+2^9+2^{10}+2^{11}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 2, 3, 1, 1, 1) = 2^2+2^5+2^6+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 2, 2, 4) = 2+2^2+2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 2, 2, 3, 1) = 2+2^5+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 2, 2, 2, 2) = 2^5+2^6+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 2, 2, 2, 1, 1) = 2^3+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 2, 2, 1, 3) = 2^2+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 2, 2, 1, 2, 1) = 2+2^3+2^5+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 2, 2, 1, 1, 2) = 2+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 2, 2, 1, 1, 1, 1) = 2^4+2^5+2^6+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 2, 1, 5) = 2^5+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 2, 1, 4, 1) = 2+2^5+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 2, 1, 3, 2) = 2+2^3+2^5+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 2, 1, 3, 1, 1) = 2^3+2^4+2^5+2^7+2^{10}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 2, 1, 2, 3) = 2+2^2+2^4+2^5+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 2, 1, 2, 2, 1) = 2+2^3+2^4+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 2, 1, 2, 1, 2) = 2^4+2^5+2^6+2^9+2^{11}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 2, 1, 2, 1, 1, 1) = 2^6+2^7+2^8+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 2, 1, 1, 4) = 2^2+2^3+2^6+2^8+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 2, 1, 1, 3, 1) = 2+2^2+2^3+2^{11}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 2, 1, 1, 2, 2) = 2^2+2^4+2^5+2^6+2^8+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 2, 1, 1, 2, 1, 1) = 2^2+2^3+2^6+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 2, 1, 1, 1, 3) = 2+2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 2, 1, 1, 1, 2, 1) = 2^5+2^7+2^8+2^{10}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 2, 1, 1, 1, 1, 2) = 2^4+2^5+2^6+2^7+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 2, 1, 1, 1, 1, 1) = 2^5+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 7) = 2+2^3+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 6, 1) = 2+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 5, 2) = 2^3+2^4+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 5, 1, 1) = 2^2+2^5+2^7+2^8+2^{10}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 4, 3) = 2^2+2^4+2^7+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 4, 2, 1) = 2^2+2^4+2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 4, 1, 2) = 2+2^3+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 4, 1, 1, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^8+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 3, 4) = 2+2^2+2^7+2^{10}+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 3, 3, 1) = 2+2^2+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 3, 2, 2) = 2^5+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 3, 2, 1, 1) = 2^6+2^7+2^9+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 3, 1, 3) = O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 3, 1, 2, 1) = 2^3+2^5+2^6+2^7+2^9+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 3, 1, 1, 2) = 2+2^6+2^7+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 3, 1, 1, 1, 1) = 2+2^2+2^6+2^7+2^8+2^{11}+2^{13}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 2, 5) = 2+2^2+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 2, 4, 1) = 2^2+2^3+2^7+2^8+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 2, 3, 2) = 2+2^3+2^4+2^5+2^6+2^8+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 2, 3, 1, 1) = 2^3+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 2, 2, 3) = 2+2^2+2^3+2^4+2^6+2^7+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 2, 2, 2, 1) = 2^2+2^6+2^7+2^8+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 2, 2, 1, 2) = 2+2^4+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 2, 2, 1, 1, 1) = 2^3+2^4+2^7+2^8+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 2, 1, 4) = 2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 2, 1, 3, 1) = 2+2^2+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 2, 1, 2, 2) = 2^2+2^3+2^4+2^9+2^{11}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 2, 1, 2, 1, 1) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 2, 1, 1, 3) = 2^2+2^3+2^4+2^6+2^7+2^9+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 2, 1, 1, 2, 1) = 2^3+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 2, 1, 1, 1, 2) = 2+2^2+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 2, 1, 1, 1, 1) = 2^5+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 6) = 2^3+2^{10}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 5, 1) = 2^2+2^3+2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 4, 2) = 2^2+2^7+2^8+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 4, 1, 1) = 2+2^4+2^5+2^6+2^9+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 3, 3) = 2^2+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 3, 2, 1) = 2^3+2^5+2^6+2^7+2^8+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 3, 1, 2) = 2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 3, 1, 1) = 2^3+2^4+2^5+2^9+2^{10}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 2, 4) = 2+2^6+2^8+2^9+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 2, 3, 1) = 2+2^2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 2, 2, 2) = 2+2^2+2^3+2^5+2^7+2^{11}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 2, 2, 1, 1) = 2^2+2^4+2^5+2^8+2^9+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 2, 1, 3) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 2, 1, 2, 1) = 2^4+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 2, 1, 1, 2) = 2^4+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 2, 1, 1, 1) = 2^5+2^6+2^7+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 5) = 2^4+2^5+2^6+2^7+2^8+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 4, 1) = 2+2^4+2^5+2^6+2^{10}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 3, 2) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 3, 1, 1) = 2+2^2+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 2, 3) = 2+2^4+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 2, 2, 1) = 2^2+2^5+2^6+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 2, 1, 2) = 2+2^2+2^5+2^6+2^8+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 2, 1, 1) = 2^5+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 4) = 2+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 3, 1) = 2^3+2^6+2^{10}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 2, 2) = 2^4+2^5+2^7+2^9+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 2, 1, 1) = 2^5+2^7+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 3) = 2+2^2+2^3+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 2, 1) = 2^5+2^6+2^7+2^8+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 1, 2) = 2^5+2^{10}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 9) = 2^5 + 2^7 + 2^{10} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 8, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 7, 2) = 2^3 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 7, 1, 1) = 2^3 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 6, 3) = 2^2 + 2^3 + 2^4 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 6, 2, 1) = 2^4 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 6, 1, 2) = 2 + 2^2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 6, 1, 1, 1) = 2 + 2^4 + 2^5 + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 5, 4) = 2^3 + 2^6 + 2^8 + 2^{12} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 5, 3, 1) = 2 + 2^3 + 2^6 + 2^{12} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 5, 2, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{12} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 5, 2, 1, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 5, 1, 3) = 2 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 5, 1, 2, 1) = 2^4 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 5, 1, 1, 2) = 2^6 + 2^9 + 2^{12} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 5, 1, 1, 1, 1) = 2^4 + 2^6 + 2^8 + 2^{12} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 4, 5) = 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 4, 4, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 4, 3, 2) = 2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 4, 3, 1, 1) = 2^3 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 4, 2, 3) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 4, 2, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 4, 2, 1, 2) = 2 + 2^2 + 2^5 + 2^9 + 2^{12} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 4, 2, 1, 1, 1) = 2 + 2^2 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 4, 1, 4) = 2^3 + 2^4 + 2^5 + 2^{12} + 2^{13} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 4, 1, 3, 1) = 2^2 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{16} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 4, 1, 2, 2) = 2 + 2^2 + 2^3 + 2^6 + 2^9 + 2^{10} + 2^{15} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 4, 1, 2, 1, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{12} + 2^{15} + 2^{18} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 4, 1, 1, 3) = 2^2 + 2^7 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 4, 1, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 4, 1, 1, 1, 2) = 2^2 + 2^3 + 2^4 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 4, 1, 1, 1, 1, 1) = 2^5 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{16} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 3, 6) = 2^3 + 2^4 + 2^7 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 3, 5, 1) = 2^2 + 2^5 + 2^{13} + 2^{15} + O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 3, 4, 2) = 2+2^5+2^6+2^8+2^{11}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 3, 4, 1, 1) = 2+2^2+2^3+2^5+2^9+2^{10}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 3, 3, 3) = 2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 3, 3, 2, 1) = 2+2^5+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 3, 3, 1, 2) = 2+2^3+2^4+2^7+2^8+2^9+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 3, 3, 1, 1, 1) = 2^2+2^5+2^7+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 3, 2, 4) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 3, 2, 3, 1) = 2+2^2+2^3+2^7+2^8+2^9+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 3, 2, 2, 2) = 2+2^3+2^9+2^{10}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 3, 2, 2, 1, 1) = 2+2^4+2^5+2^7+2^8+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 3, 2, 1, 3) = 2+2^2+2^4+2^5+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 3, 2, 1, 2, 1) = 2^2+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 3, 2, 1, 1, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 3, 2, 1, 1, 1, 1) = 2^4+2^5+2^6+2^{10}+2^{11}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 3, 1, 5) = 2^2+2^4+2^6+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 3, 1, 4, 1) = 2^3+2^4+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 3, 1, 3, 2) = 2^3+2^4+2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 3, 1, 3, 1, 1) = 2^3+2^6+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 3, 1, 2, 3) = 2^2+2^3+2^4+2^5+2^6+2^9+2^{12}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 3, 1, 2, 2, 1) = 2+2^4+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 3, 1, 2, 1, 2) = 2^2+2^3+2^4+2^6+2^7+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 3, 1, 2, 1, 1, 1) = 2^4+2^5+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 3, 1, 1, 4) = 2^3+2^4+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 3, 1, 1, 3, 1) = 2^4+2^8+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 3, 1, 1, 2, 2) = 2+2^2+2^5+2^7+2^8+2^{12}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 3, 1, 1, 2, 1, 1) = 2^4+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 3, 1, 1, 1, 3) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 3, 1, 1, 1, 2, 1) = 2^4+2^6+2^8+2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 3, 1, 1, 1, 1, 2) = 2^7+2^{10}+2^{12}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 3, 1, 1, 1, 1, 1, 1) = 2^5+2^6+2^7+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 7) = 2^2+2^3+2^5+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 6, 1) = 2^4+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 5, 2) = 2+2^4+2^5+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 5, 1, 1) = 2+2^2+2^3+2^4+2^8+2^{17}+2^{18}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 4, 3) = 2+2^3+2^5+2^6+2^{10}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 4, 2, 1) = 2+2^3+2^5+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 4, 1, 2) = 2^3+2^4+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 4, 1, 1, 1) = 2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 3, 4) = 2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 3, 3, 1) = 2^3+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 3, 2, 2) = 2+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 3, 2, 1, 1) = 2+2^9+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 3, 1, 3) = 2+2^2+2^3+2^4+2^6+2^7+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 3, 1, 2, 1) = 2+2^3+2^4+2^5+2^6+2^8+2^{10}+2^{11}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 3, 1, 1, 2) = 2^3+2^4+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 3, 1, 1, 1, 1) = 2^2+2^3+2^5+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 2, 5) = 2^3+2^4+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 2, 4, 1) = 2^4+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 2, 3, 2) = 2^3+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 2, 3, 1, 1) = 2^3+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 2, 2, 3) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 2, 2, 2, 1) = 2^3+2^9+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 2, 2, 1, 2) = 2^7+2^8+2^9+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 2, 2, 1, 1, 1) = 2^6+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 2, 1, 4) = 2+2^3+2^4+2^6+2^{10}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 2, 1, 3, 1) = 2+2^3+2^4+2^8+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 2, 1, 2, 2) = 2+2^2+2^5+2^8+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 2, 1, 2, 1, 1) = 2^4+2^5+2^8+2^{11}+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 2, 1, 1, 3) = 2+2^4+2^6+2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 2, 1, 1, 2, 1) = 2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 2, 1, 1, 1, 2) = 2^2+2^3+2^5+2^6+2^8+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 2, 1, 1, 1, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 6) = 2+2^2+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 5, 1) = 2+2^2+2^4+2^6+2^7+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 4, 2) = 2^4+2^8+2^9+2^{10}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 4, 1, 1) = 2+2^2+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 3, 3) = 2+2^3+2^6+2^8+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 3, 2, 1) = 2+2^2+2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 3, 1, 2) = 2+2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 3, 1, 1, 1) = 2^6+2^9+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 2, 4) = 2^4+2^8+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 2, 3, 1) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 2, 2, 2) = 2+2^8+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 2, 2, 1, 1) = 2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 2, 1, 3) = 2+2^2+2^3+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 2, 1, 2, 1) = 2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 2, 1, 1, 2) = 2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 2, 1, 1, 1, 1) = 2^8+2^9+2^{10}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 5) = 2+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 4, 1) = 2+2^2+2^7+2^9+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 3, 2) = 2+2^2+2^3+2^7+2^{11}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 3, 1, 1) = 2^2+2^3+2^6+2^7+2^8+2^9+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 2, 3) = 2^2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 2, 2, 1) = 2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 2, 1, 2) = 2^3+2^5+2^6+2^7+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 2, 1, 1, 1) = 2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 4) = 2^4+2^5+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 3, 1) = 2^6+2^8+2^9+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 2, 2) = 2^4+2^5+2^8+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 2, 1, 1) = 2^7+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 3) = 2^2+2^3+2^5+2^6+2^7+2^8+2^{11}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 2, 1) = 2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 1, 2) = 2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 2^{10}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 8) = 2^3+2^4+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 7, 1) = 2+2^4+2^7+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 6, 2) = 2+2^6+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 6, 1, 1) = 2^4+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 5, 3) = 2+2^3+2^7+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 5, 2, 1) = 2^2+2^4+2^5+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 5, 1, 2) = 2^3+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 5, 1, 1, 1) = 2+2^2+2^4+2^5+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 4, 4) = 2+2^4+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 4, 3, 1) = 2+2^2+2^3+2^5+2^6+2^7+2^9+2^{11}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 4, 2, 2) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 4, 2, 1, 1) = 2^8+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 4, 1, 3) = 2^2+2^6+2^7+2^8+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 4, 1, 2, 1) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 4, 1, 1, 2) = 2+2^3+2^4+2^6+2^7+2^8+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 4, 1, 1, 1, 1) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 3, 5) = 2+2^3+2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 3, 4, 1) = 2^2+2^5+2^6+2^7+2^{10}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 3, 3, 2) = 2^4+2^5+2^6+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 3, 3, 1, 1) = 2+2^2+2^5+2^6+2^7+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 3, 2, 3) = 2+2^3+2^6+2^8+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 3, 2, 2, 1) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 3, 2, 1, 2) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 3, 2, 1, 1, 1) = 2^2+2^3+2^9+2^{10}+2^{11}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 3, 1, 4) = 2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 3, 1, 3, 1) = 2+2^4+2^5+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 3, 1, 2, 2) = 2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 3, 1, 2, 1, 1) = 2+2^2+2^4+2^5+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 3, 1, 1, 3) = 2+2^2+2^3+2^7+2^9+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 3, 1, 1, 2, 1) = 2^2+2^5+2^{10}+2^{11}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 3, 1, 1, 1, 2) = 2+2^2+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 3, 1, 1, 1, 1, 1) = 2^5+2^6+2^7+2^8+2^{10}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 6) = 2+2^4+2^{10}+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 5, 1) = 2^2+2^5+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 4, 2) = 2^3+2^4+2^6+2^7+2^{10}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 4, 1, 1) = 2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 3, 3) = 2^2+2^4+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 3, 2, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 3, 1, 2) = 2^3+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 3, 1, 1, 1) = 2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 2, 4) = 2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 2, 3, 1) = 2+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 2, 2, 2) = 2^2+2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 2, 2, 1, 1) = 2^4+2^5+2^8+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 2, 1, 3) = 2+2^2+2^4+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 2, 1, 2, 1) = 2^4+2^5+2^6+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 2, 1, 1, 2) = 2^2+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 2, 1, 1, 1, 1) = 2^6+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 5) = 2^4+2^5+2^9+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 4, 1) = 2+2^3+2^5+2^8+2^9+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 3, 2) = 2+2^3+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 3, 1, 1) = 2+2^2+2^4+2^6+2^8+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 2, 3) = 2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 2, 2, 1) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{13}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 2, 1, 2) = 2+2^2+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 2, 1, 1, 1) = 2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 4) = 2^6+2^7+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 3, 1) = 2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 2, 2) = 2^2+2^3+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 2, 1, 1) = 2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 3) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 2, 1) = 2^6+2^7+2^8+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 1, 2) = 2^8+2^9+2^{13}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 2^9+2^{10}+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 7) = 2+2^2+2^3+2^7+2^9+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 6, 1) = 2^2+2^3+2^4+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 5, 2) = 2^3+2^4+2^5+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 5, 1, 1) = 2^2+2^6+2^7+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 4, 3) = 2^2+2^3+2^4+2^5+2^9+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 4, 2, 1) = 2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 4, 1, 2) = 2^2+2^3+2^8+2^9+2^{12}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 4, 1, 1, 1) = 2^3+2^4+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 3, 4) = 2^3+2^4+2^5+2^6+2^9+2^{11}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 3, 3, 1) = 2^2+2^6+2^7+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 3, 2, 2) = 2^2+2^3+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 3, 2, 1, 1) = 2^4+2^5+2^6+2^7+2^{10}+2^{14}+2^{16}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 3, 1, 3) = 2^2+2^4+2^7+2^{11}+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 3, 1, 2, 1) = 2^4+2^5+2^7+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 3, 1, 1, 2) = 2^6+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 3, 1, 1, 1, 1) = 2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 5) = 2^2+2^4+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 4, 1) = 2+2^3+2^7+2^8+2^9+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 3, 2) = 2+2^2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 3, 1, 1) = 2^2+2^4+2^5+2^6+2^7+2^9+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 2, 3) = 2+2^3+2^5+2^6+2^{10}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 2, 2, 1) = 2^7+2^9+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 2, 1, 2) = 2^3+2^7+2^{11}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 2, 1, 1, 1) = 2^8+2^9+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 4) = 2+2^2+2^4+2^5+2^7+2^8+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 3, 1) = 2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 2, 2) = 2^4+2^6+2^9+2^{10}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 2, 1, 1) = 2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 3) = 2^2+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 2, 1) = 2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 1, 2) = 2^7+2^9+2^{11}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 6) = 2^2+2^3+2^4+2^6+2^{10}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 5, 1) = 2+2^3+2^5+2^7+2^8+2^9+2^{10}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 4, 2) = 2+2^3+2^5+2^6+2^9+2^{10}+2^{13}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 4, 1, 1) = 2+2^3+2^4+2^7+2^8+2^{10}+2^{13}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 3, 3) = 2+2^3+2^7+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 3, 2, 1) = 2^2+2^4+2^5+2^7+2^9+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 3, 1, 2) = 2+2^3+2^5+2^7+2^8+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 3, 1, 1, 1) = 2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 4) = 2+2^2+2^5+2^6+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 3, 1) = 2^4+2^5+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 2, 2) = 2^3+2^5+2^6+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 2, 1, 1) = 2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 3) = 2+2^9+2^{10}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 2, 1) = 2^6+2^7+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 1, 2) = 2^6 + 2^7 + 2^9 + 2^{10} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 2^7 + 2^9 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 5) = 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 4, 1) = 2^4 + 2^5 + 2^7 + 2^9 + 2^{11} + 2^{13} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 3, 2) = 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 3, 1, 1) = 2^5 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 3) = 2^2 + 2^3 + 2^4 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 2, 1) = 2^6 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 1, 2) = 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 4) = 2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 3, 1) = 2^5 + 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 2, 2) = 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 3) = 2^6 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 10) = 2^6 + 2^{10} + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 9, 1) = 2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 8, 2) = 2^5 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 8, 1, 1) = 2 + 2^2 + 2^3 + 2^5 + 2^7 + 2^9 + 2^{10} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 7, 3) = 2 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 7, 2, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 7, 1, 2) = 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{12} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 7, 1, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^{11} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 6, 4) = 2^3 + 2^8 + 2^9 + 2^{13} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 6, 3, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 6, 2, 2) = 2^2 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 6, 2, 1, 1) = 2 + 2^2 + 2^4 + 2^{10} + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 6, 1, 3) = 2 + 2^8 + 2^9 + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 6, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 6, 1, 1, 2) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{14} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 6, 1, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 5, 5) = 2+2^4+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 5, 4, 1) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 5, 3, 2) = 2+2^2+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 5, 3, 1, 1) = 2^5+2^7+2^{10}+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 5, 2, 3) = 2^4+2^5+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 5, 2, 2, 1) = 2^2+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 5, 2, 1, 2) = 2+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 5, 2, 1, 1, 1) = 2+2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 5, 1, 4) = 2^2+2^3+2^6+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 5, 1, 3, 1) = 2+2^3+2^4+2^5+2^7+2^9+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 5, 1, 2, 2) = 2^6+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 5, 1, 2, 1, 1) = 2+2^2+2^4+2^5+2^{10}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 5, 1, 1, 3) = 2^2+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 5, 1, 1, 2, 1) = 2^3+2^5+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 5, 1, 1, 1, 2) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 5, 1, 1, 1, 1, 1) = 2^4+2^8+2^9+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 4, 6) = 2^4+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 4, 5, 1) = 2+2^3+2^4+2^7+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 4, 4, 2) = 2+2^5+2^6+2^7+2^9+2^{11}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 4, 4, 1, 1) = 2^2+2^{10}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 4, 3, 3) = 2^6+2^7+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 4, 3, 2, 1) = 2+2^2+2^5+2^8+2^9+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 4, 3, 1, 2) = 2+2^2+2^6+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 4, 3, 1, 1, 1) = 2+2^2+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 4, 2, 4) = 2^4+2^7+2^8+2^{11}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 4, 2, 3, 1) = 2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 4, 2, 2, 2) = 2+2^3+2^4+2^8+2^9+2^{12}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 4, 2, 2, 1, 1) = 2^2+2^3+2^4+2^6+2^8+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 4, 2, 1, 3) = 2^2+2^3+2^6+2^8+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 4, 2, 1, 2, 1) = 2+2^2+2^4+2^5+2^7+2^8+2^{10}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 4, 2, 1, 1, 2) = 2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 4, 2, 1, 1, 1, 1) = 2^3+2^5+2^6+2^7+2^8+2^9+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 4, 1, 5) = 2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 4, 1, 4, 1) = 2+2^3+2^{10}+2^{14}+2^{17}+2^{18}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 4, 1, 3, 2) = 2^2 + 2^5 + 2^7 + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 4, 1, 3, 1, 1) = 2 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 4, 1, 2, 3) = 2^3 + 2^4 + 2^5 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 4, 1, 2, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 4, 1, 2, 1, 2) = 2^3 + 2^{11} + 2^{12} + 2^{13} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 4, 1, 2, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 4, 1, 1, 4) = 2^3 + 2^4 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 4, 1, 1, 3, 1) = 2^2 + 2^5 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 4, 1, 1, 2, 2) = 2^2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^{11} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 4, 1, 1, 2, 1, 1) = 2^3 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 4, 1, 1, 1, 3) = 2^2 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 4, 1, 1, 1, 2, 1) = 2^3 + 2^6 + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 4, 1, 1, 1, 1, 2) = 2^4 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 4, 1, 1, 1, 1, 1, 1) = 2^7 + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 7) = 2 + 2^4 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 6, 1) = 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 5, 2) = 2^4 + 2^6 + 2^{12} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 5, 1, 1) = 2^2 + 2^3 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 4, 3) = 2 + 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 4, 2, 1) = 2^2 + 2^4 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{13} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 4, 1, 2) = 2 + 2^2 + 2^4 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 4, 1, 1, 1) = 2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 3, 4) = 2 + 2^3 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 3, 3, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{12} + 2^{13} + 2^{14} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 3, 2, 2) = 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 3, 2, 1, 1) = 2^2 + 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 3, 1, 3) = 2^2 + 2^3 + 2^5 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 3, 1, 2, 1) = 2 + 2^2 + 2^6 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 3, 1, 1, 2) = 2^5 + 2^8 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 3, 1, 1, 1, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 2, 5) = 2^2 + 2^4 + 2^6 + 2^9 + 2^{12} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 2, 4, 1) = 2 + 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 2, 3, 2) = 2^2 + 2^3 + 2^4 + 2^8 + 2^9 + 2^{13} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 2, 3, 1, 1) = 2^2 + 2^3 + 2^8 + 2^{12} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 2, 2, 3) = 2+2^3+2^4+2^6+2^{10}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 2, 2, 2, 1) = 2^3+2^6+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 2, 2, 1, 2) = 2^2+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 2, 2, 1, 1, 1) = 2^4+2^5+2^6+2^9+2^{10}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 2, 1, 4) = 2^3+2^4+2^5+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 2, 1, 3, 1) = 2+2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 2, 1, 2, 2) = 2^2+2^5+2^6+2^7+2^8+2^9+2^{10}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 2, 1, 2, 1, 1) = 2^6+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 2, 1, 1, 3) = 2^2+2^7+2^8+2^{10}+2^{11}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 2, 1, 1, 2, 1) = 2^3+2^6+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 2, 1, 1, 1, 2) = 2^3+2^6+2^{12}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 2, 1, 1, 1, 1, 1) = 2^7+2^{11}+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 6) = 2^3+2^4+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 5, 1) = 2^3+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 4, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 4, 1, 1) = 2+2^2+2^4+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 3, 3) = 2+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 3, 2, 1) = 2+2^3+2^6+2^7+2^{10}+2^{11}+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 3, 1, 2) = 2^2+2^3+2^4+2^6+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 3, 1, 1, 1) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 2, 4) = 2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 2, 3, 1) = 2+2^2+2^4+2^5+2^6+2^{11}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 2, 2, 2) = 2^2+2^3+2^4+2^{10}+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 2, 2, 1, 1) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 2, 1, 3) = 2^2+2^3+2^7+2^8+2^9+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 2, 1, 2, 1) = 2^2+2^{10}+2^{11}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 2, 1, 1, 2) = 2^8+2^{12}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 2, 1, 1, 1, 1) = 2^6+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 5) = 2^3+2^4+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 4, 1) = 2^4+2^6+2^7+2^8+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 3, 2) = 2^4+2^6+2^7+2^9+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 3, 1, 1) = 2^6+2^9+2^{12}+2^{13}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 2, 3) = 2^3+2^4+2^5+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 2, 2, 1) = 2^3+2^4+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 2, 1, 2) = 2^7 + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 2, 1, 1, 1) = 2^{11} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 4) = 2^2 + 2^3 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 3, 1) = 2^3 + 2^4 + 2^5 + 2^{10} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 2, 2) = 2^4 + 2^7 + 2^9 + 2^{10} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 2, 1, 1) = 2^7 + 2^8 + 2^{10} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 3) = 2^3 + 2^4 + 2^6 + 2^9 + 2^{11} + 2^{12} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 2, 1) = 2^7 + 2^8 + 2^{13} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 1, 2) = 2^6 + 2^9 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 2^9 + 2^{11} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 8) = 2^3 + 2^{12} + 2^{15} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 7, 1) = 2^4 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 6, 2) = 2^3 + 2^4 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{15} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 6, 1, 1) = 2 + 2^6 + 2^7 + 2^{10} + 2^{13} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 5, 3) = 2 + 2^2 + 2^5 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 5, 2, 1) = 2 + 2^3 + 2^4 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 5, 1, 2) = 2^3 + 2^4 + 2^8 + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 5, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 4, 4) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 4, 3, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^9 + 2^{10} + 2^{11} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 4, 2, 2) = 2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 4, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{16} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 4, 1, 3) = 2 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 4, 1, 2, 1) = 2^3 + 2^5 + 2^9 + 2^{12} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 4, 1, 1, 2) = 2^4 + 2^{11} + 2^{12} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 4, 1, 1, 1, 1) = 2^3 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 3, 5) = 2^2 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 3, 4, 1) = 2^2 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 3, 3, 2) = 2^3 + 2^4 + 2^6 + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 3, 3, 1, 1) = 2 + 2^3 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 3, 2, 3) = 2^4 + 2^8 + 2^{12} + 2^{14} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 3, 2, 2, 1) = 2^3 + 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 3, 2, 1, 2) = 2 + 2^2 + 2^4 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 3, 2, 1, 1, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 3, 1, 4) = 2+2^3+2^4+2^5+2^6+2^8+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 3, 1, 3, 1) = 2^4+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 3, 1, 2, 2) = 2+2^3+2^6+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 3, 1, 2, 1, 1) = 2^2+2^3+2^5+2^8+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 3, 1, 1, 3) = 2^2+2^5+2^7+2^9+2^{10}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 3, 1, 1, 2, 1) = 2^3+2^6+2^9+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 3, 1, 1, 1, 2) = 2^3+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 3, 1, 1, 1, 1, 1) = 2^7+2^{11}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 6) = 2^2+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 5, 1) = 2+2^3+2^5+2^6+2^7+2^8+2^{13}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 4, 2) = 2^2+2^6+2^7+2^8+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 4, 1, 1) = 2+2^2+2^3+2^4+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 3, 3) = 2+2^3+2^4+2^5+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 3, 2, 1) = 2^3+2^6+2^7+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 3, 1, 2) = 2+2^2+2^5+2^7+2^8+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 3, 1, 1, 1) = 2^6+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 2, 4) = 2^5+2^6+2^8+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 2, 3, 1) = 2^3+2^9+2^{10}+2^{11}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 2, 2, 2) = 2^4+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 2, 2, 1, 1) = 2^6+2^{11}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 2, 1, 3) = 2+2^2+2^4+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 2, 1, 2, 1) = 2^6+2^9+2^{10}+2^{13}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 2, 1, 1, 2) = 2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 2, 1, 1, 1, 1) = 2^8+2^9+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 5) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 4, 1) = 2^2+2^4+2^6+2^7+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 3, 2) = 2+2^3+2^4+2^5+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 3, 1, 1) = 2^4+2^5+2^6+2^8+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 2, 3) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 2, 2, 1) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 2, 1, 2) = 2^2+2^6+2^7+2^8+2^{10}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 2, 1, 1, 1) = 2^9+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 4) = 2^4+2^7+2^8+2^{11}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 3, 1) = 2^3+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 2, 2) = 2^3+2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 2, 1, 1) = 2^{10}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 3) = 2^3+2^8+2^9+2^{11}+2^{12}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 2, 1) = 2^7+2^8+2^{10}+2^{12}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 1, 2) = 2^{10}+2^{11}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 2, 1, 1, 1, 1, 1, 1) = 2^{11}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 7) = 2+2^2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 6, 1) = 2+2^2+2^4+2^5+2^6+2^7+2^8+2^{12}+2^{13}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 5, 2) = 2^2+2^4+2^5+2^6+2^7+2^{11}+2^{13}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 5, 1, 1) = 2^2+2^5+2^6+2^8+2^9+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 4, 3) = 2^3+2^4+2^5+2^6+2^9+2^{11}+2^{12}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 4, 2, 1) = 2+2^2+2^7+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 4, 1, 2) = 2+2^3+2^4+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 4, 1, 1, 1) = 2^2+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 3, 4) = 2^2+2^4+2^5+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 3, 3, 1) = 2+2^2+2^8+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 3, 2, 2) = 2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 3, 2, 1, 1) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 3, 1, 3) = 2+2^2+2^7+2^{10}+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 3, 1, 2, 1) = 2^3+2^4+2^5+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 3, 1, 1, 2) = 2^7+2^9+2^{10}+2^{11}+2^{12}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 3, 1, 1, 1, 1) = 2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 5) = 2+2^2+2^3+2^4+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 4, 1) = 2+2^3+2^5+2^7+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 3, 2) = 2^3+2^6+2^7+2^8+2^9+2^{11}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 3, 1, 1) = 2^4+2^5+2^6+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 2, 3) = 2^4+2^6+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 2, 2, 1) = 2^7+2^8+2^9+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 2, 1, 2) = 2^7+2^9+2^{11}+2^{12}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 2, 1, 1, 1) = 2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 4) = 2+2^3+2^5+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 3, 1) = 2^2+2^7+2^{10}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 2, 2) = 2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 2, 1, 1) = 2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 3) = 2^3+2^4+2^5+2^6+2^9+2^{11}+2^{13}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 2, 1) = 2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 1, 2) = 2^6 + 2^8 + 2^{10} + O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 6) = 2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 5, 1) = 2+2^2+2^4+2^5+2^7+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 4, 2) = 2+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 4, 1, 1) = 2^2+2^5+2^7+2^8+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 3, 3) = 2+2^4+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 3, 2, 1) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 3, 1, 2) = 2^5+2^8+2^{11}+2^{12}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 3, 1, 1, 1) = 2^9+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 4) = 2+2^2+2^3+2^4+2^6+2^8+2^{10}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 3, 1) = 2^3+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 2, 2) = 2^4+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 2, 1, 1) = 2^{13}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 3) = 2^2+2^5+2^6+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 2, 1) = 2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 5) = 2^3+2^5+2^8+2^{10}+2^{12}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 4, 1) = 2^3+2^5+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 3, 2) = 2^5+2^8+2^9+2^{10}+2^{11}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 3, 1, 1) = 2^7+2^{10}+2^{12}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 3) = 2^3+2^6+2^8+2^{12}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 2, 1) = 2^6+2^9+2^{10}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 1, 2) = 2^5+2^6+2^7+2^{10}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 4) = 2^3+2^8+2^9+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 3, 1) = 2^6+2^7+2^{10}+2^{11}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 2, 2) = 2^8+2^9+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 3) = 2^5+2^7+2^8+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 2^9+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 2) = 2^9 + 2^{10} + 2^{13} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 9) = 2 + 2^3 + 2^8 + 2^9 + 2^{10} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 8, 1) = 2 + 2^2 + 2^4 + 2^5 + 2^6 + 2^7 + 2^9 + 2^{10} + 2^{12} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 7, 2) = 2 + 2^5 + 2^6 + 2^8 + 2^9 + 2^{11} + 2^{13} + 2^{15} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 7, 1, 1) = 2^2 + 2^4 + 2^6 + 2^8 + 2^{10} + 2^{12} + 2^{14} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 6, 3) = 2^2 + 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{14} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 6, 2, 1) = 2^4 + 2^5 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 6, 1, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^5 + 2^8 + 2^{10} + 2^{14} + 2^{15} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 6, 1, 1, 1) = 2^2 + 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{11} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 5, 4) = 2^3 + 2^5 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{14} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 5, 3, 1) = 2 + 2^3 + 2^5 + 2^6 + 2^8 + 2^{12} + 2^{13} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 5, 2, 2) = 2^2 + 2^5 + 2^6 + 2^9 + 2^{12} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 5, 2, 1, 1) = 2^2 + 2^3 + 2^4 + 2^5 + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 5, 1, 3) = 2^4 + 2^5 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{13} + 2^{14} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 5, 1, 2, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^6 + 2^7 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 5, 1, 1, 2) = 2 + 2^6 + 2^{11} + 2^{12} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 5, 1, 1, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^8 + 2^{12} + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 4, 5) = 2 + 2^2 + 2^4 + 2^6 + 2^8 + 2^9 + 2^{12} + 2^{13} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 4, 4, 1) = 2^3 + 2^5 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{13} + 2^{14} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 4, 3, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^9 + 2^{12} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 4, 3, 1, 1) = 2 + 2^2 + 2^8 + 2^9 + 2^{15} + 2^{16} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 4, 2, 3) = 2 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{12} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 4, 2, 2, 1) = 2^3 + 2^4 + 2^6 + 2^7 + 2^8 + 2^{14} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 4, 2, 1, 2) = 2^3 + 2^6 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 4, 2, 1, 1, 1) = 2^3 + 2^4 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{16} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 4, 1, 4) = 2^3 + 2^4 + 2^7 + 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{13} + 2^{14} + 2^{16} + 2^{17} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 4, 1, 3, 1) = 2^4 + 2^5 + 2^7 + 2^8 + 2^{10} + 2^{11} + 2^{12} + 2^{14} + 2^{15} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 4, 1, 2, 2) = 2^3 + 2^4 + 2^9 + 2^{11} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 4, 1, 2, 1, 1) = 2 + 2^2 + 2^3 + 2^4 + 2^8 + 2^{10} + 2^{12} + 2^{13} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 4, 1, 1, 3) = 2 + 2^2 + 2^3 + 2^7 + 2^{10} + 2^{12} + 2^{13} + 2^{15} + 2^{17} + 2^{18} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 4, 1, 1, 2, 1) = 2^3 + 2^5 + 2^7 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 4, 1, 1, 1, 2) = 2 + 2^2 + 2^3 + 2^4 + 2^{10} + 2^{13} + 2^{14} + 2^{15} + 2^{16} + 2^{17} + 2^{18} + 2^{19} + O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 4, 1, 1, 1, 1, 1) = 2^8 + 2^9 + 2^{10} + 2^{11} + 2^{16} + 2^{17} + O(2^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 6) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 5, 1) = 2^2+2^4+2^5+2^6+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 4, 2) = 2^3+2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 4, 1, 1) = 2+2^2+2^3+2^5+2^7+2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 3, 3) = 2^4+2^5+2^9+2^{10}+2^{11}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 3, 2, 1) = 2+2^4+2^5+2^{10}+2^{12}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 3, 1, 2) = 2+2^2+2^3+2^5+2^6+2^7+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 3, 1, 1, 1) = 2^6+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 2, 4) = 2+2^2+2^3+2^4+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 2, 3, 1) = 2+2^3+2^4+2^5+2^6+2^{11}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 2, 2, 2) = 2^3+2^5+2^6+2^7+2^{10}+2^{12}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 2, 2, 1, 1) = 2^2+2^8+2^{10}+2^{11}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 2, 1, 3) = 2^5+2^6+2^7+2^8+2^9+2^{12}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 2, 1, 2, 1) = 2^3+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 2, 1, 1, 2) = 2^3+2^7+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 2, 1, 1, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 5) = 2^5+2^7+2^8+2^{12}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 4, 1) = 2^2+2^4+2^5+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 3, 2) = 2+2^2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 3, 1, 1) = 2+2^2+2^3+2^4+2^6+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 2, 3) = 2^2+2^4+2^6+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 2, 2, 1) = 2^2+2^3+2^5+2^8+2^9+2^{11}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 2, 1, 2) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 2, 1, 1, 1) = 2^6+2^9+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 4) = 2+2^3+2^4+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 3, 1) = 2^4+2^5+2^6+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 2, 2) = 2^5+2^6+2^{12}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 2, 1, 1) = 2^7+2^8+2^9+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 3) = 2+2^2+2^3+2^4+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 2, 1) = 2^9+2^{10}+2^{11}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 1, 2) = 2^6+2^8+2^9+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 2^7+2^{10}+2^{11}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 7) = 2^2+2^4+2^5+2^{10}+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 6, 1) = 2^2+2^3+2^6+2^8+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 5, 2) = 2+2^2+2^3+2^4+2^6+2^7+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 5, 1, 1) = 2+2^2+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 4, 3) = 2^2+2^4+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 4, 2, 1) = 2+2^3+2^6+2^7+2^9+2^{10}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 4, 1, 2) = 2+2^2+2^3+2^5+2^6+2^{10}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 4, 1, 1, 1) = 2^7+2^{10}+2^{11}+2^{12}+2^{14}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 3, 4) = 2+2^2+2^3+2^4+2^5+2^6+2^{10}+2^{12}+2^{13}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 3, 3, 1) = 2^9+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 3, 2, 2) = 2+2^2+2^3+2^7+2^8+2^9+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 3, 2, 1, 1) = 2^4+2^6+2^8+2^{10}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 3, 1, 3) = 2+2^2+2^7+2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 3, 1, 2, 1) = 2^3+2^6+2^8+2^9+2^{10}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 3, 1, 1, 2) = 2^3+2^5+2^6+2^8+2^{10}+2^{11}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 3, 1, 1, 1, 1) = 2^9+2^{11}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 5) = 2^4+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 4, 1) = 2+2^2+2^3+2^4+2^5+2^6+2^8+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 2, 3, 2) = 2+2^2+2^4+2^5+2^6+2^7+2^{10}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 3, 1, 1) = 2^4+2^5+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 2, 3) = 2^3+2^4+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 2, 2, 1) = 2^4+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 2, 1, 2) = 2^2+2^4+2^5+2^7+2^9+2^{12}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 2, 1, 1, 1) = 2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 4) = 2^2+2^4+2^6+2^9+2^{12}+2^{14}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 3, 1) = 2^3+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 2, 2) = 2^3+2^4+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 2, 1, 1) = 2^7+2^9+2^{12}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 3) = 2^5+2^7+2^9+2^{11}+2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 2, 1) = 2^7+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 1, 2) = 2^8+2^{11}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 6) = 2+2^2+2^3+2^4+2^6+2^7+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 5, 1) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 4, 2) = 2+2^2+2^5+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 4, 1, 1) = 2+2^4+2^5+2^6+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 3, 3) = 2+2^3+2^5+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 3, 2, 1) = 2^7+2^{10}+2^{13}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 3, 1, 2) = 2+2^3+2^4+2^5+2^8+2^{11}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 3, 1, 1, 1) = 2^6+2^8+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 4) = 2^2+2^4+2^6+2^8+2^{10}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 3, 1) = 2^4+2^5+2^6+2^8+2^{10}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 2, 2) = 2^2+2^4+2^8+2^9+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 2, 1, 1) = 2^9+2^{10}+2^{11}+2^{15}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 3) = 2+2^3+2^4+2^8+2^{10}+2^{11}+2^{12}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 2, 1) = 2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 1, 2) = 2^6+2^7+2^8+2^9+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 2, 1, 1, 1, 1) = 2^7+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 5) = 2+2^2+2^4+2^6+2^8+2^9+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 4, 1) = 2^7+2^{11}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 3, 2) = 2^3+2^4+2^6+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 3, 1, 1) = 2^9+2^{10}+2^{12}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 3) = 2^4+2^5+2^6+2^8+2^9+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 2, 1) = 2^6+2^7+2^8+2^9+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 1, 2) = 2^5+2^{11}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 2^{12}+2^{14}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 4) = 2+2^4+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 3, 1) = 2^6+2^{10}+2^{11}+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 2, 2) = 2^6+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 2^7+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 3) = 2^5+2^7+2^8+2^{10}+2^{12}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 2^{13}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 8) = 2^3+2^5+2^7+2^9+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 7, 1) = 2+2^2+2^3+2^4+2^8+2^{12}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 6, 2) = 2^2+2^3+2^5+2^7+2^9+2^{10}+2^{11}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 6, 1, 1) = 2+2^2+2^3+2^4+2^5+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 5, 3) = 2^2+2^3+2^4+2^6+2^{10}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 5, 2, 1) = 2^3+2^4+2^7+2^9+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 5, 1, 2) = 2^3+2^4+2^6+2^7+2^8+2^{11}+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 5, 1, 1, 1) = 2^4+2^5+2^6+2^7+2^8+2^{11}+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 4, 4) = 2^2+2^3+2^4+2^5+2^6+2^8+2^9+2^{10}+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 4, 3, 1) = 2+2^3+2^4+2^6+2^7+2^9+2^{11}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 4, 2, 2) = 2+2^3+2^6+2^7+2^9+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 4, 2, 1, 1) = 2^3+2^{10}+2^{11}+2^{12}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 4, 1, 3) = 2^3+2^{10}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 4, 1, 2, 1) = 2^2+2^3+2^4+2^5+2^7+2^8+2^9+2^{10}+2^{13}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 4, 1, 1, 2) = 2^4+2^5+2^{10}+2^{12}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 4, 1, 1, 1, 1) = 2^7+2^8+2^9+2^{10}+2^{11}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 5) = 2+2^2+2^3+2^4+2^6+2^7+2^{10}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 4, 1) = 2+2^3+2^5+2^6+2^{13}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 3, 2) = 2^3+2^4+2^5+2^6+2^7+2^9+2^{13}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 3, 1, 1) = 2^4+2^8+2^{13}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 2, 3) = 2+2^2+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 2, 2, 1) = 2^5+2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 2, 1, 2) = 2^8+2^{10}+2^{11}+2^{12}+2^{14}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 2, 1, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 4) = 2^3+2^4+2^6+2^8+2^9+2^{11}+2^{12}+2^{13}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 3, 1) = 2^7+2^8+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 2, 2) = 2^9+2^{10}+2^{13}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 2, 1, 1) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 3) = 2^3+2^4+2^5+2^8+2^{11}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 2, 1) = 2^7+2^{10}+2^{12}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 1, 2) = 2^6+2^7+2^8+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 3, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 6) = 2^3+2^4+2^{11}+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 5, 1) = 2^2+2^3+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 4, 2) = 2+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 4, 1, 1) = 2^2+2^3+2^5+2^6+2^9+2^{13}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 3, 3) = 2+2^4+2^{10}+2^{11}+2^{13}+2^{14}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 3, 2, 1) = 2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 3, 1, 2) = 2^3+2^4+2^5+2^6+2^8+2^{10}+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 3, 1, 1, 1) = 2^7+2^8+2^{10}+2^{11}+2^{14}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 4) = 2^2+2^4+2^5+2^7+2^8+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 3, 1) = 2^5+2^7+2^{10}+2^{11}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 2, 2) = 2^4+2^5+2^6+2^7+2^8+2^9+2^{11}+2^{12}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 2, 1, 1) = 2^8+2^{10}+2^{12}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 3) = 2^2+2^3+2^4+2^6+2^{10}+2^{11}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 2, 1) = 2^7+2^8+2^{10}+2^{11}+2^{13}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 1, 2) = 2^9+2^{12}+2^{13}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 2^9+2^{10}+2^{11}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 5) = 2+2^3+2^4+2^5+2^6+2^7+2^8+2^{10}+2^{11}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 4, 1) = 2^2+2^3+2^4+2^5+2^7+2^{13}+2^{14}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 3, 2) = 2^4+2^5+2^9+2^{13}+2^{15}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 3, 1, 1) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 3) = 2^3+2^4+2^7+2^{11}+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 2, 1) = 2^6+2^7+2^8+2^{11}+2^{14}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 1, 2) = 2^5+2^6+2^7+2^{10}+2^{12}+2^{14}+2^{16}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 4) = 2^4+2^5+2^7+2^8+2^{11}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 3, 1) = 2^6+2^9+2^{10}+2^{14}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 2, 2) = 2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{16}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 2^9+2^{10}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 3) = 2^5+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 2^8+2^9+2^{13}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 7) = 2^2+2^3+2^4+2^5+2^8+2^{12}+2^{13}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 6, 1) = 2+2^3+2^4+2^6+2^8+2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 5, 2) = 2+2^2+2^3+2^4+2^5+2^7+2^8+2^{13}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 5, 1, 1) = 2+2^4+2^5+2^6+2^{12}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 4, 3) = 2+2^2+2^3+2^7+2^9+2^{11}+2^{13}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 4, 2, 1) = 2^2+2^5+2^6+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{14}+2^{15}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 4, 1, 2) = 2+2^3+2^7+2^8+2^{12}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 4, 1, 1, 1) = 2^7+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 4) = 2+2^2+2^3+2^7+2^8+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+O(2^{20}) \\
 \zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 3, 1) = 2^4+2^6+2^7+2^8+2^9+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 2, 2) = 2^3+2^6+2^7+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 2, 1, 1) = 2^9+2^{10}+2^{11}+2^{12}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 3) = 2+2^3+2^5+2^6+2^8+2^9+2^{10}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 2, 1) = 2^6+2^7+2^8+2^9+2^{12}+2^{15}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 1, 2) = 2^6+2^7+2^8+2^{10}+2^{11}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 2^8+2^9+2^{12}+2^{14}+2^{15}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 5) = 2^2+2^4+2^5+2^{10}+2^{11}+2^{13}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 4, 1) = 2^3+2^4+2^5+2^9+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 3, 2) = 2^7+2^8+2^9+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 3, 1, 1) = 2^9+2^{10}+2^{12}+2^{13}+2^{14}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 3) = 2^2+2^3+2^5+2^6+2^7+2^{10}+2^{11}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 2, 1) = 2^6+2^8+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 1, 2) = 2^5+2^8+2^9+2^{15}+2^{16}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 2^9+2^{11}+2^{12}+2^{14}+2^{15}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 4) = 2+2^4+2^7+2^9+2^{10}+2^{11}+2^{12}+2^{14}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 3, 1) = 2^7+2^8+2^9+2^{11}+2^{12}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 2, 2) = 2^6+2^8+2^{10}+2^{14}+2^{16}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 2^9+2^{11}+2^{13}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 3) = 2^5+2^6+2^7+2^8+2^{12}+2^{15}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 2^{10}+2^{11}+2^{14}+2^{15}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 2^7+2^8+2^9+2^{10}+2^{11}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 6) = 2^3+2^5+2^7+2^9+2^{14}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 5, 1) = 2^4+2^6+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 4, 2) = 2^6+2^8+2^9+2^{10}+2^{11}+2^{12}+2^{13}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 4, 1, 1) = 2^7+2^8+2^9+2^{11}+2^{13}+2^{15}+2^{17}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 3) = 2^3+2^4+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 2, 1) = 2^6+2^7+2^9+2^{11}+2^{15}+2^{16}+2^{17}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 1, 2) = 2^5+2^8+2^{11}+2^{13}+2^{15}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 2^9+2^{10}+2^{12}+2^{14}+2^{15}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 4) = 2^3+2^{12}+2^{15}+2^{16}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 3, 1) = 2^6+2^9+2^{10}+2^{13}+2^{16}+2^{18}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 2, 2) = 2^9+2^{12}+2^{13}+2^{14}+2^{15}+2^{16}+2^{17}+2^{19}+O(2^{20}) \\
\zeta_2([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_2(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 2^9+2^{12}+2^{13}+2^{14}+2^{16}+2^{17}+2^{18}+2^{19}+O(2^{20})
\end{aligned}$$



2.  $p = 3$  CASE

## 2.1. weight 0 case.

$$\zeta_3([\emptyset]) = \zeta_3() = 1 + O(3^{20})$$

## 2.2. weight 1 case.

$$\zeta_3([1]) = \zeta_3(1) = O(3^{20})$$

## 2.3. weight 2 case.

$$\zeta_3([1, 0]) = \zeta_3(2) = O(3^{20})$$

$$\zeta_3([1, 1]) = \zeta_3(1, 1) = O(3^{20})$$

## 2.4. weight 3 case.

$$\zeta_3([1, 0, 0]) = \zeta_3(3) = 2 \cdot 3^2 + 3^3 + 2 \cdot 3^5 + 3^6 + 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 1]) = \zeta_3(2, 1) = 2 \cdot 3^2 + 2 \cdot 3^3 + 3^4 + 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 1, 0]) = \zeta_3(1, 2) = 2 \cdot 3^2 + 3^3 + 2 \cdot 3^5 + 3^6 + 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 1, 1]) = \zeta_3(1, 1, 1) = O(3^{20})$$

## 2.5. weight 4 case.

$$\zeta_3([1, 0, 0, 0]) = \zeta_3(4) = O(3^{20})$$

$$\zeta_3([1, 0, 0, 1]) = \zeta_3(3, 1) = O(3^{20})$$

$$\zeta_3([1, 0, 1, 0]) = \zeta_3(2, 2) = O(3^{20})$$

$$\zeta_3([1, 0, 1, 1]) = \zeta_3(2, 1, 1) = O(3^{20})$$

$$\zeta_3([1, 1, 0, 0]) = \zeta_3(1, 3) = O(3^{20})$$

$$\zeta_3([1, 1, 0, 1]) = \zeta_3(1, 2, 1) = O(3^{20})$$

$$\zeta_3([1, 1, 1, 0]) = \zeta_3(1, 1, 2) = O(3^{20})$$

$$\zeta_3([1, 1, 1, 1]) = \zeta_3(1, 1, 1, 1) = O(3^{20})$$



**2.6. weight 5 case.**

$$\begin{aligned} \zeta_3([1, 0, 0, 0, 0]) &= \zeta_3(5) = 3^4 + 2 \cdot 3^5 + 3^6 + 3^8 + 2 \cdot 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 1]) &= \zeta_3(4, 1) = 2 \cdot 3^5 + 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\ \zeta_3([1, 0, 0, 1, 0]) &= \zeta_3(3, 2) = 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1) = 3^4 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + O(3^{20}) \\ \zeta_3([1, 0, 1, 0, 0]) &= \zeta_3(2, 3) = 2 \cdot 3^4 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\ \zeta_3([1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1) = 2 \cdot 3^4 + 3^5 + 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2) = 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1) = 2 \cdot 3^4 + 2 \cdot 3^5 + 3^6 + 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\ \zeta_3([1, 1, 0, 0, 0]) &= \zeta_3(1, 4) = 2 \cdot 3^4 + 3^5 + 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1) = 3^4 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + O(3^{20}) \\ \zeta_3([1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2) = 2 \cdot 3^4 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\ \zeta_3([1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1) = 2 \cdot 3^5 + 3^6 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3) = 2 \cdot 3^4 + 3^5 + 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1) = 2 \cdot 3^4 + 2 \cdot 3^5 + 3^6 + 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2) = 3^4 + 2 \cdot 3^5 + 3^6 + 3^8 + 2 \cdot 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1) = O(3^{20}) \end{aligned}$$

**2.7. weight 6 case.**

$$\begin{aligned} \zeta_3([1, 0, 0, 0, 0, 0]) &= \zeta_3(6) = O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 1]) &= \zeta_3(5, 1) = 2 \cdot 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 1, 0]) &= \zeta_3(4, 2) = 2 \cdot 3^4 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 1, 1]) &= \zeta_3(4, 1, 1) = 3^4 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 3) = 2 \cdot 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 2, 1) = 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 2) = 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1) = 2 \cdot 3^4 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 4) = 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 3, 1) = 2 \cdot 3^5 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 2) = O(3^{20}) \\ \zeta_3([1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1) = 2 \cdot 3^4 + 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 3) = 3^5 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1) = 2 \cdot 3^4 + 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2) = 2 \cdot 3^4 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \end{aligned}$$

$$\begin{aligned}
& \zeta_3([1, 0, 1, 1, 1, 1]) = \zeta_3(2, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 5) = 3^4 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 4, 1) = 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{12} + 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 2) = 3^5 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1) = 2 \cdot 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 3) = 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1) = 2 \cdot 3^4 + 2 \cdot 3^5 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2) = 2 \cdot 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
& \zeta_3([1, 1, 0, 1, 1, 1]) = \zeta_3(1, 2, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 4) = 2 \cdot 3^4 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1) = 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2) = 3^4 + 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
& \zeta_3([1, 1, 1, 0, 1, 1]) = \zeta_3(1, 1, 2, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3) = 3^4 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
& \zeta_3([1, 1, 1, 1, 0, 1]) = \zeta_3(1, 1, 1, 2, 1) = O(3^{20}) \\
& \zeta_3([1, 1, 1, 1, 1, 0]) = \zeta_3(1, 1, 1, 1, 2) = O(3^{20}) \\
& \zeta_3([1, 1, 1, 1, 1, 1]) = \zeta_3(1, 1, 1, 1, 1, 1) = O(3^{20})
\end{aligned}$$

## 2.8. weight 7 case.

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(7) = 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(6, 1) = 3^5 + 3^6 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(5, 2) = 2 \cdot 3^5 + 2 \cdot 3^6 + 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(5, 1, 1) = 2 \cdot 3^5 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(4, 3) = 2 \cdot 3^7 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(4, 2, 1) = 2 \cdot 3^5 + 2 \cdot 3^6 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(4, 1, 2) = 3^5 + 2 \cdot 3^6 + 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(4, 1, 1, 1) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 4) = 3^5 + 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 3, 1) = 3^6 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 2, 2) = 3^6 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 2, 1, 1) = 2 \cdot 3^5 + 3^6 + 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 3) = 3^5 + 2 \cdot 3^6 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 2, 1) = 3^5 + 2 \cdot 3^6 + 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 2) = 3^5 + 2 \cdot 3^6 + 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1) = 3^5+3^6+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 5) = 2\cdot 3^5+3^7+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 4, 1) = 2\cdot 3^5+2\cdot 3^6+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 3, 2) = 3^6+2\cdot 3^7+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 3, 1, 1) = 2\cdot 3^5+3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{18}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 3) = 2\cdot 3^5+2\cdot 3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 2, 1) = 2\cdot 3^5+3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 2) = 3^6+3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1) = 2\cdot 3^5+2\cdot 3^6+3^7+2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 4) = 2\cdot 3^5+3^6+2\cdot 3^7+3^8+3^{11}+3^{13}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 3, 1) = 3^5+2\cdot 3^6+3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{12}+3^{13}+3^{15}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 2) = 3^6+2\cdot 3^7+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 3) = 3^5+3^6+2\cdot 3^7+2\cdot 3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1) = 3^5+3^6+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2) = 2\cdot 3^5+2\cdot 3^6+3^7+2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1) = 2\cdot 3^6+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 6) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 5, 1) = 2\cdot 3^5+3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 4, 2) = 3^5+3^6+2\cdot 3^7+2\cdot 3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 4, 1, 1) = 3^5+2\cdot 3^6+3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 3) = 3^5+2\cdot 3^6+3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 2, 1) = 2\cdot 3^5+3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 2) = 3^5+2\cdot 3^6+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 4) = 2\cdot 3^5+3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 3, 1) = 2\cdot 3^5+3^6+3^7+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 2) = 2\cdot 3^5+2\cdot 3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1) = 2\cdot 3^7+3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 3) = 3^5+2\cdot 3^6+3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2) = 2\cdot 3^7+3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1) = 3^6+3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 5) = 3^5+3^6+2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 4, 1) = 3^5+3^6+2\cdot 3^7+2\cdot 3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 2) = 2\cdot 3^5+3^6+2\cdot 3^7+3^8+3^{11}+3^{13}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 3) = 2\cdot 3^5+3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1) = 2\cdot 3^5+2\cdot 3^6+3^7+2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2) = 3^5+3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1) = 2\cdot 3^5+2\cdot 3^7+3^9+2\cdot 3^{10}+3^{11}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 4) = 3^5+3^6+2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1) = 3^5+3^6+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2) = 2\cdot 3^5+3^7+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1) = 3^6+3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1) = 2\cdot 3^6+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1) = O(3^{20})
\end{aligned}$$

## 2.9. weight 8 case.

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(8) = O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(7, 1) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(6, 2) = 2\cdot 3^5+2\cdot 3^7+2\cdot 3^9+2\cdot 3^{11}+3^{14}+2\cdot 3^{17}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(6, 1, 1) = 3^5+2\cdot 3^7+2\cdot 3^8+3^9+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(5, 3) = 3^5+2\cdot 3^6+3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(5, 2, 1) = 3^6+3^7+3^8+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(5, 1, 2) = 2\cdot 3^5+3^6+2\cdot 3^8+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(5, 1, 1, 1) = 2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(4, 4) = O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(4, 3, 1) = 2\cdot 3^5+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(4, 2, 2) = 3^5+3^6+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{14}+3^{15}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(4, 2, 1, 1) = 3^6+3^8+2\cdot 3^{10}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(4, 1, 3) = 3^6+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(4, 1, 2, 1) = 3^7+3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(4, 1, 1, 2) = 2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^{11}+3^{12}+3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(4, 1, 1, 1, 1) = 3^6+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 5) = 2\cdot 3^5+2\cdot 3^6+3^8+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 4, 1) = 3^5+2\cdot 3^6+2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+3^{14}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 3, 2) = 2\cdot 3^8+3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 3, 1, 1) = 2\cdot 3^6+3^7+3^8+3^9+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 2, 3) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^7+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 2, 2, 1) = 3^6+2\cdot 3^7+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 2, 1, 2) = 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 2, 1, 1, 1) = 2\cdot 3^5+3^6+3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 4) = 3^5+3^6+3^7+2\cdot 3^9+3^{11}+3^{12}+3^{13}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 3, 1) = 2\cdot 3^6+3^7+3^8+3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 2, 2) = 3^6+3^8+2\cdot 3^{10}+2\cdot 3^{13}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 2, 1, 1) = 3^5+2\cdot 3^6+3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{14}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 3) = 3^6+3^7+3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 2, 1) = 2\cdot 3^6+2\cdot 3^7+3^9+3^{12}+3^{15}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 2) = 2\cdot 3^5+3^6+2\cdot 3^8+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1) = 3^5+2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+3^{10}+3^{11}+2\cdot 3^{12}+3^{15}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 6) = 3^5+2\cdot 3^6+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 5, 1) = 2\cdot 3^6+2\cdot 3^7+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 4, 2) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 4, 1, 1) = 3^6+2\cdot 3^7+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 3, 3) = 3^5+3^6+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 3, 2, 1) = 3^6+2\cdot 3^7+3^8+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 3, 1, 2) = 3^6+3^8+2\cdot 3^{10}+2\cdot 3^{13}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 3, 1, 1, 1) = 3^5+2\cdot 3^6+3^8+2\cdot 3^{11}+2\cdot 3^{12}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 4) = 2\cdot 3^6+2\cdot 3^7+3^8+3^9+3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 3, 1) = 2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 2, 2) = O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 2, 1, 1) = 3^6+3^7+3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 3) = 2\cdot 3^8+3^9+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 2, 1) = 2\cdot 3^5+2\cdot 3^6+3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 2) = 3^5+3^6+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{14}+3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1) = 3^6+2\cdot 3^8+2\cdot 3^{11}+3^{12}+3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 5) = 2\cdot 3^5+2\cdot 3^7+3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 4, 1) = 3^{10}+3^{13}+3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 3, 2) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 3, 1, 1) = 2 \cdot 3^5 + 2 \cdot 3^6 + 3^7 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 3) = 2 \cdot 3^8 + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 2, 1) = 3^5 + 3^6 + 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 2) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1) = 2 \cdot 3^5 + 2 \cdot 3^6 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 4) = 3^6 + 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 3, 1) = 3^6 + 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 2) = 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1) = 3^5 + 3^6 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 3) = 3^5 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1) = 3^6 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2) = 2 \cdot 3^5 + 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 7) = 3^6 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 6, 1) = 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 5, 2) = 3^5 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 5, 1, 1) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 4, 3) = 2 \cdot 3^6 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 4, 2, 1) = 3^6 + 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 4, 1, 2) = 3^6 + 3^7 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 4, 1, 1, 1) = 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 4) = 2 \cdot 3^5 + 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 3, 1) = 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 2, 1, 1) = 2 \cdot 3^5 + 3^7 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 3) = O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 2, 1) = 3^5 + 2 \cdot 3^6 + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 2) = 3^6 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1) = 2 \cdot 3^5 + 2 \cdot 3^6 + 3^7 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 5) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 4, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 3, 2) = 2 \cdot 3^8 + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 3, 1, 1) = 3^5 + 2 \cdot 3^6 + 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 2, 1) = 3^6+3^8+3^{11}+3^{12}+3^{14}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 2) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^7+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1) = 3^5+3^6+3^7+2\cdot 3^9+3^{10}+3^{12}+3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 4) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{13}+3^{14}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 3, 1) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^8+3^{10}+2\cdot 3^{12}+3^{13}+3^{14}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 2) = 3^5+3^6+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1) = 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 3) = 2\cdot 3^6+2\cdot 3^9+3^{10}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1) = 2\cdot 3^5+2\cdot 3^6+3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2) = 3^5+2\cdot 3^6+3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 6) = 3^7+3^{10}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 5, 1) = 3^6+2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 4, 2) = 3^6+2\cdot 3^7+3^8+2\cdot 3^9+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 4, 1, 1) = 2\cdot 3^6+2\cdot 3^7+3^8+2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 3) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{13}+3^{14}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 2, 1) = 2\cdot 3^5+3^6+2\cdot 3^8+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 2) = 3^5+3^6+3^7+2\cdot 3^9+3^{11}+3^{12}+3^{13}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 4) = 3^7+3^8+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 3, 1) = 3^5+2\cdot 3^6+2\cdot 3^7+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 2) = 2\cdot 3^6+2\cdot 3^7+3^8+3^9+3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 3) = 2\cdot 3^5+2\cdot 3^6+2\cdot 3^7+3^8+3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1) = 3^5+3^6+2\cdot 3^7+3^9+2\cdot 3^{10}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 5) = 3^6+3^7+3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 4, 1) = 3^6+2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 2) = 2\cdot 3^5+2\cdot 3^7+3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1) = 3^5+2\cdot 3^6+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 3) = 3^5+3^6+2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1) = 3^6+3^8+3^9+3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2) = 2\cdot 3^5+2\cdot 3^6+3^8+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 4) = 3^7 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1) = 2 \cdot 3^5 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2) = 3^5 + 2 \cdot 3^6 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3) = 3^6 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20})
\end{aligned}$$

### 2.10. weight 9 case.

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(9) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(8, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(7, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(7, 1, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(6, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(6, 2, 1) = 3^5 + 3^6 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(6, 1, 2) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(6, 1, 1, 1) = 3^6 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(5, 4) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(5, 3, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(5, 2, 2) = 3^5 + 3^6 + 3^7 + 3^8 + 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(5, 2, 1, 1) = 3^6 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(5, 1, 3) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(5, 1, 2, 1) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(5, 1, 1, 2) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(5, 1, 1, 1, 1) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(4, 5) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(4, 4, 1) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(4, 3, 2) = 3^5 + 3^6 + 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(4, 3, 1, 1) = 3^6 + 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(4, 2, 3) = 3^5 + 3^6 + 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(4, 2, 2, 1) = 3^6 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(4, 2, 1, 2) = 3^6 + 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(4, 2, 1, 1, 1) = 3^6 + 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(4, 1, 4) = 3^5 + 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(4, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(4, 1, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(4, 1, 2, 1, 1) = 3^6 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(4, 1, 1, 3) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(4, 1, 1, 2, 1) = 3^6 + 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(4, 1, 1, 1, 2) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(4, 1, 1, 1, 1, 1) = 3^5 + 3^6 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 6) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 5, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 4, 2) = 3^5 + 3^6 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 4, 1, 1) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 3, 3) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 3, 2, 1) = 3^6 + 2 \cdot 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 3, 1, 2) = 3^6 + 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 3, 1, 1, 1) = 3^6 + 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 2, 4) = 3^5 + 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 2, 3, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 2, 2, 2) = 3^8 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 2, 2, 1, 1) = 3^6 + 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 2, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 2, 1, 2, 1) = 3^6 + 2 \cdot 3^7 + 3^{11} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 2, 1, 1, 2) = 3^6 + 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 2, 1, 1, 1, 1) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 5) = 3^5 + 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 4, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 3, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 3, 1, 1) = 3^6 + 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 2, 3) = 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 2, 2, 1) = 3^6 + 3^7 + 3^9 + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 2, 1, 2) = 3^6 + 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 2, 1, 1, 1) = 3^5 + 3^6 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 4) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{17} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 3, 1) = 2 \cdot 3^6 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 2, 2) = 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 2, 1, 1) = 3^5 + 3^6 + 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 3) = 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 2, 1) = 3^5 + 3^6 + 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 2) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 7) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 6, 1) = 3^5 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 5, 2) = 3^5 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 5, 1, 1) = 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 4, 3) = 3^5 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 4, 2, 1) = 2 \cdot 3^6 + 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 4, 1, 2) = 2 \cdot 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 4, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 3, 4) = 3^5 + 3^6 + 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 3, 3, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 3, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 3, 2, 1, 1) = 2 \cdot 3^7 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 3, 1, 3) = 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 3, 1, 2, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 3, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 3, 1, 1, 1, 1) = 3^5 + 3^6 + 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 5) = 3^5 + 3^6 + 3^7 + 3^8 + 3^9 + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 4, 1) = 3^7 + 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 3, 2) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 3, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 2, 3) = 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 2, 2, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 2, 1, 2) = 3^8 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 2, 1, 1, 1) = 3^5 + 3^6 + 3^{10} + 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 2, 1, 1) = 3^5+3^6+3^{10}+2\cdot 3^{11}+3^{13}+3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 3) = 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 2, 1) = 3^5+3^6+3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 2) = 3^5+3^6+3^7+3^8+3^9+3^{12}+3^{13}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 6) = 3^5+3^6+2\cdot 3^7+2\cdot 3^8+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 5, 1) = 3^7+3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+3^{15}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 4, 2) = 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 4, 1, 1) = 2\cdot 3^7+2\cdot 3^8+3^{10}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 3, 3) = 2\cdot 3^7+3^9+3^{10}+3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{18}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 3, 2, 1) = 3^7+3^8+3^9+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 3, 1, 2) = 2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 3, 1, 1, 1) = 3^5+3^6+3^8+3^9+3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 4) = 2\cdot 3^7+2\cdot 3^8+3^{10}+3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 3, 1) = 3^7+2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 2, 2) = 3^8+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 2, 1, 1) = 3^5+3^6+2\cdot 3^9+3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 3) = 2\cdot 3^9+3^{10}+3^{11}+3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 2, 1) = 3^5+3^6+2\cdot 3^{10}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 2) = 3^5+3^6+3^7+3^8+2\cdot 3^{10}+3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 5) = 3^7+3^8+2\cdot 3^{10}+3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 4, 1) = 3^8+3^9+3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 3, 2) = 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 3, 1, 1) = 3^5+3^6+3^7+3^8+2\cdot 3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 3) = 3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 2, 1) = 3^5+3^6+3^7+2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 2) = 3^5+3^6+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1) = 2\cdot 3^8+3^9+3^{10}+3^{12}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 4) = 2\cdot 3^6+3^7+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 3, 1) = 3^5+2\cdot 3^7+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{15}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 2) = 3^5+2\cdot 3^8+2\cdot 3^9+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 3) = 3^5+2\cdot 3^8+3^9+3^{10}+3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^8 + 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 8) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 7, 1) = 3^5 + 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 6, 2) = 3^5 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 6, 1, 1) = 2 \cdot 3^6 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 5, 3) = 3^5 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 5, 2, 1) = 2 \cdot 3^6 + 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 5, 1, 2) = 2 \cdot 3^6 + 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 5, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 4, 4) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 4, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 4, 2, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 4, 2, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 4, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 4, 1, 2, 1) = 3^7 + 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 4, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 4, 1, 1, 1, 1) = 3^5 + 3^6 + 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 5) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 4, 1) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 3, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 3, 1, 1) = 3^7 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 2, 3) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 2, 2, 1) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 2, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 2, 1, 1, 1) = 3^5 + 3^6 + 2 \cdot 3^9 + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 4) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 3, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 2, 1, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 2, 1) = 3^5 + 3^6 + 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 2) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 6) = 3^5 + 3^6 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 5, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 4, 2) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 4, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 3, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 3, 2, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 3, 1, 2) = 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 3, 1, 1, 1) = 3^5 + 3^6 + 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 4) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 3, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 2, 2) = 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 2, 1, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 3) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 2, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 2) = 3^5 + 3^6 + 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 5) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 3, 2) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 3, 1, 1) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 2, 1) = 3^5 + 3^6 + 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 2) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 4) = 2 \cdot 3^6 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 3, 1) = 3^5 + 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 2) = 3^5 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 3) = 3^5 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 7) = 3^5 + 3^6 + 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 6, 1) = 2 \cdot 3^6 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 5, 2) = 2 \cdot 3^6 + 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 5, 1, 1) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 4, 3) = 2 \cdot 3^6 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 4, 2, 1) = 3^6 + 2 \cdot 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 4, 1, 2) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 4, 1, 1, 1) = 3^5 + 2 \cdot 3^7 + 3^8 + 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 4) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 3, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 2, 1, 1) = 3^5 + 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 2, 1) = 3^5 + 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 2) = 3^5 + 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 5) = 3^6 + 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 4, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 3, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 3, 1, 1) = 3^5 + 2 \cdot 3^8 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 3) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 2, 1) = 3^5 + 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 2) = 3^5 + 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 4) = 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 3, 1) = 3^5 + 3^6 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 2) = 3^5 + 3^6 + 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 3) = 3^5 + 3^6 + 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 6) = 3^6 + 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 5, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 4, 2) = 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 4, 1, 1) = 3^5+3^8+2\cdot 3^{10}+3^{11}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 3) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 2, 1) = 3^5+3^7+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 2) = 3^5+3^8+3^{10}+2\cdot 3^{13}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1) = 2\cdot 3^8+3^{10}+3^{11}+3^{12}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 4) = 3^6+3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 3, 1) = 3^5+3^6+2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 2) = 3^5+3^6+3^7+3^8+3^9+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 3) = 3^5+3^6+3^7+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2) = 2\cdot 3^8+3^9+3^{10}+3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1) = 2\cdot 3^8+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 5) = 3^6+3^7+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 4, 1) = 3^5+3^6+2\cdot 3^9+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 2) = 3^5+3^6+2\cdot 3^7+2\cdot 3^8+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 3) = 3^5+3^6+2\cdot 3^9+3^{11}+2\cdot 3^{12}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 4) = 3^5+3^6+3^7+2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3) = 2\cdot 3^8+3^9+3^{10}+3^{12}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20})
 \end{aligned}$$

## 2.11. weight 10 case.

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_3(10) = O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_3(9, 1) = 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_3(8, 2) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_3(8, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_3(7, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_3(7, 2, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_3(7, 1, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_3(7, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_3(6, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_3(6, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_3(6, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_3(6, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_3(6, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_3(6, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_3(6, 1, 1, 2) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_3(6, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_3(5, 5) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_3(5, 4, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_3(5, 3, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_3(5, 3, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_3(5, 2, 3) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_3(5, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_3(5, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_3(5, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_3(5, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_3(5, 1, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_3(5, 1, 2, 2) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_3(5, 1, 2, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_3(5, 1, 1, 3) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_3(5, 1, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_3(5, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20})$$

$$\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_3(5, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})$$



$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(4, 6) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(4, 5, 1) = 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(4, 4, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(4, 4, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(4, 3, 3) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(4, 3, 2, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(4, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(4, 3, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(4, 2, 4) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(4, 2, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(4, 2, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(4, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(4, 2, 1, 3) = 3^7 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(4, 2, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(4, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(4, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(4, 1, 5) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(4, 1, 4, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(4, 1, 3, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(4, 1, 3, 1, 1) = 3^7 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(4, 1, 2, 3) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(4, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(4, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(4, 1, 2, 1, 1, 1) = 3^7 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(4, 1, 1, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(4, 1, 1, 3, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(4, 1, 1, 2, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(4, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(4, 1, 1, 1, 3) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(4, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(4, 1, 1, 1, 1, 2) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(4, 1, 1, 1, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(3, 7) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(3, 6, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 5, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 5, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 4, 3) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 4, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 4, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 4, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 3, 4) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 3, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 3, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 3, 2, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 3, 1, 3) = 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 3, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 3, 1, 1, 1, 1) = 3^8 + 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 2, 5) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 2, 4, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 2, 3, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 2, 3, 1, 1) = 3^7 + 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 2, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 2, 2, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 2, 2, 1, 2) = 3^8 + 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 2, 1, 4) = 3^8 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 2, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 2, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 2, 1, 2, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 2, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 2, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 2, 1, 1, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 6) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 5, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 4, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 4, 1, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 3, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 3, 2, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 3, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 2, 4) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 2, 3, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 2, 2, 2) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 2, 2, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 2, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 2, 1, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 5) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 4, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 3, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 2, 3) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 2, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 2, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 2, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 2, 1, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 3) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 2, 1) = 3^7 + 3^{11} + 3^{12} + 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 8) = 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 7, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 6, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 6, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 5, 3) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 5, 2, 1) = 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 5, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 5, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 4, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 4, 3, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 4, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 4, 2, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 4, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{12} + 3^{13} + 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 4, 1, 2, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 4, 1, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 4, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 3, 5) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 3, 4, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 3, 3, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 3, 3, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 3, 2, 3) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 3, 2, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 3, 2, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 3, 2, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 3, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 3, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 3, 1, 2, 2) = 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 3, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 3, 1, 1, 3) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 3, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 3, 1, 1, 1, 2) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 3, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 6) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 5, 1) = 3^8 + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 4, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 4, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 3, 3) = 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 3, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 3, 1, 2) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 3, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 2, 4) = 2 \cdot 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 2, 3, 1) = 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 2, 2, 2) = O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 2, 2, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 2, 1, 3) = 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 2, 1, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 2, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 2, 1, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 5) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 4, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 3, 2) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 2, 3) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 2, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 2, 1, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 4) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 3, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 3) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 2, 1) = 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 1) = 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 7) = 3^7 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 6, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 5, 2) = 3^8 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 5, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 4, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 4, 2, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 4, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 4, 1, 1, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 3, 4) = 3^7 + 3^8 + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 3, 3, 1) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 3, 2, 2) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 3, 2, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 3, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 3, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 5) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
&\quad \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_3(2, 1, 2, 3, 2) = O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 3, 1, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 2, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 2, 2, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 2, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 4) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 2, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 2, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 3) = 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 2, 1) = 3^7 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 6) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 5, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 4, 2) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 3, 3) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 3, 2, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 4) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 2, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 1) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 5) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 4, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 3, 2) = 3^8 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 2, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 4) = 3^7 + 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 3, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2, 1) = 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 9) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 8, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 7, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 7, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 6, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 6, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 6, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 6, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 5, 4) = 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 5, 3, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 5, 2, 2) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 5, 2, 1, 1) = 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 5, 1, 3) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 5, 1, 2, 1) = 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 5, 1, 1, 2) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 5, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 4, 5) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 4, 4, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 4, 3, 2) = 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 4, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 4, 2, 3) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 4, 2, 2, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 4, 2, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 4, 2, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 4, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 4, 1, 3, 1) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 4, 1, 2, 2) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 4, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 4, 1, 1, 3) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 4, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 4, 1, 1, 1, 2) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 4, 1, 1, 1, 1, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 6) = 3^7 + 2 \cdot 3^8 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 5, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 4, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 4, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 3, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 3, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 3, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 2, 4) = 3^7 + 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 2, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 2, 2, 2) = 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 2, 2, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 2, 1, 3) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 2, 1, 2, 1) = 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 2, 1, 1, 2) = 3^7 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 2, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 5) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 4, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 3, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 2, 3) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 2, 2, 1) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 2, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 3, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{12} + 3^{13} + 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 2, 1, 1) = 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{13} + 3^{14} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 7) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 6, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 5, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 5, 1, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 4, 3) = 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 4, 2, 1) = 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 4, 1, 2) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 4, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 3, 4) = 2 \cdot 3^7 + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 3, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 3, 2, 2) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 3, 2, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 3, 1, 3) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 3, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 5) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 4, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 3, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 3, 1, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 2, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 2, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 2, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 2, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 2, 2) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 3) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 2, 1) = 3^7 + 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 2) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 6) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 5, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 4, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 4, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 3, 3) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 3, 2, 1) = 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 4) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 3, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 2, 2) = 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 2, 1, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 5) = 3^7 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 4, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 3, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 3, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 3) = 3^7+3^8+3^{11}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 2, 1) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 2) = 2\cdot 3^7+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 1) = 3^7+3^8+3^9+3^{12}+3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 4) = 2\cdot 3^8+2\cdot 3^9+3^{12}+3^{15}+3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 3, 1) = 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 2) = 3^8+2\cdot 3^9+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 3) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 1) = 2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 2) = 2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 8) = 2\cdot 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 7, 1) = 3^9+3^{10}+3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 6, 2) = 3^7+3^8+3^9+3^{11}+3^{12}+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 6, 1, 1) = 3^{11} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 5, 3) = 2\cdot 3^8+2\cdot 3^9+3^{12}+3^{15}+3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 5, 2, 1) = 3^7+3^8+3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 5, 1, 2) = 3^7+2\cdot 3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 5, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 4, 4) = 3^7+3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 4, 3, 1) = 3^7+2\cdot 3^8+3^{10}+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 4, 2, 2) = 2\cdot 3^7+3^8+3^9+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 4, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 4, 1, 3) = 3^7+2\cdot 3^8+3^{10}+2\cdot 3^{12}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 4, 1, 2, 1) = 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 4, 1, 1, 2) = 3^8+2\cdot 3^9+2\cdot 3^{11}+3^{12}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 4, 1, 1, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+3^{13}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 5) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 4, 1) = 3^7+3^8+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 3, 2) = 3^8+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 3, 1, 1) = 2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 2, 3) = 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{14}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 2, 2, 1) = 3^9+3^{10}+3^{11}+3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 2, 1, 2) = 3^8+3^9+3^{11}+3^{12}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 2, 1, 1, 1) = 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 4) = 2\cdot 3^7+3^8+3^{14}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 3, 1) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{11}+3^{13}+3^{14}+3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 2, 2) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 2, 1, 1) = 2\cdot 3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 3) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 2, 1) = 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 2) = 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{15}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 6) = 3^7+3^9+2\cdot 3^{11}+3^{13}+3^{14}+3^{15}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 5, 1) = 2\cdot 3^7+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 4, 2) = 2\cdot 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 4, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 3, 3) = 3^8+2\cdot 3^9+3^{10}+3^{12}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 3, 2, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 3, 1, 2) = 2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 3, 1, 1, 1) = 2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 4) = 3^7+3^8+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 3, 1) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 2, 2) = 2\cdot 3^7+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 2, 1, 1) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 3) = 3^7+3^9+3^{10}+3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 2, 1) = 3^7+3^8+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 2) = 2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 1) = 3^9+3^{11}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 5) = 3^8+3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 4, 1) = 3^7+3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 3, 2) = 3^7+3^8+3^{12}+2\cdot 3^{15}+3^{16}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 3, 1, 1) = 3^8+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 3) = 2\cdot 3^7+3^{12}+3^{13}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 2, 1) = 2\cdot 3^7+3^8+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 2) = 2\cdot 3^7+3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 4) = 3^7+3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 3, 1) = 3^8+2\cdot 3^{10}+3^{11}+3^{14}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 2) = 3^7+2\cdot 3^8+3^9+3^{11}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 3) = 2\cdot 3^8+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 1) = 3^7+3^8+2\cdot 3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 2) = 3^7+2\cdot 3^8+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 7) = 3^7+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 6, 1) = 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 5, 2) = 2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{13}+2\cdot 3^{15}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 5, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 4, 3) = 3^7+3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 4, 2, 1) = 3^8+3^9+3^{11}+2\cdot 3^{13}+3^{14}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 4, 1, 2) = 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 4, 1, 1, 1) = 3^9+3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 4) = 3^8+3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 3, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 2, 2) = 2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 2, 1, 1) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 3) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 2, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 2) = 2\cdot 3^7+2\cdot 3^9+3^{12}+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 5) = 3^7+3^8+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 4, 1) = 2\cdot 3^7+3^8+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 3, 2) = 2\cdot 3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 3, 1, 1) = 3^8+3^{10}+3^{11}+3^{14}+3^{15}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 3) = 2\cdot 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{16}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 2, 1) = 2\cdot 3^9+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 2) = 3^7+3^9+3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 4) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 3, 1) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{15}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 2) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^9 + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 6) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 5, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 4, 2) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 4, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 3) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 2, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 4) = 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 3) = 3^7 + 2 \cdot 3^8 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 5) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 4, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 2) = 3^7 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 1) = 3^7 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 4) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 2) = 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 1) = O(3^{20})
\end{aligned}$$

$$\begin{aligned}\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1) = O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2) = O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20})\end{aligned}$$

**2.12. weight 11 case.**

$$\begin{aligned}\zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(11) = 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(10, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(9, 2) = 3^{13} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(9, 1, 1) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(8, 3) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(8, 2, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(8, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(8, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(7, 4) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(7, 3, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(7, 2, 2) = 3^{10} + 3^{13} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(7, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(7, 1, 3) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(7, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(7, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(7, 1, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(6, 5) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(6, 4, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(6, 3, 2) = 3^7 + 3^8 + 3^9 + 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(6, 3, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(6, 2, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(6, 2, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(6, 2, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(6, 2, 1, 1, 1) = 3^7 + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(6, 1, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(6, 1, 3, 1) = 3^8 + 3^9 + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(6, 1, 2, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(6, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20})\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(6, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(6, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(6, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^{13} + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(6, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(5, 6) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(5, 5, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(5, 4, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(5, 4, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(5, 3, 3) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(5, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(5, 3, 1, 2) = 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(5, 3, 1, 1, 1) = 2 \cdot 3^7 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(5, 2, 4) = 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(5, 2, 3, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(5, 2, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(5, 2, 2, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(5, 2, 1, 3) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(5, 2, 1, 2, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(5, 2, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(5, 2, 1, 1, 1) = 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(5, 1, 5) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(5, 1, 4, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(5, 1, 3, 2) = 3^7 + 3^9 + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(5, 1, 3, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(5, 1, 2, 3) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(5, 1, 2, 2, 1) = 3^7 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(5, 1, 2, 1, 2) = 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(5, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(5, 1, 1, 4) = 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(5, 1, 1, 3, 1) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(5, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{13} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(5, 1, 1, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(5, 1, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(5, 1, 1, 1, 2, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(5, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^{13} + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(5, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(4, 7) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(4, 6, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(4, 5, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(4, 5, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(4, 4, 3) = 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(4, 4, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(4, 4, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(4, 4, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(4, 3, 4) = 3^7 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(4, 3, 3, 1) = 2 \cdot 3^7 + 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(4, 3, 2, 2) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(4, 3, 2, 1, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(4, 3, 1, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(4, 3, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(4, 3, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(4, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(4, 2, 5) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(4, 2, 4, 1) = 2 \cdot 3^8 + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(4, 2, 3, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(4, 2, 3, 1, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(4, 2, 2, 3) = 2 \cdot 3^7 + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(4, 2, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(4, 2, 2, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(4, 2, 2, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(4, 2, 1, 4) = 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(4, 2, 1, 3, 1) = 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(4, 2, 1, 2, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(4, 2, 1, 2, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(4, 2, 1, 1, 3) = 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(4, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(4, 2, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(4, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(4, 1, 6) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(4, 1, 5, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(4, 1, 4, 2) = 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(4, 1, 4, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(4, 1, 3, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(4, 1, 3, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(4, 1, 3, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(4, 1, 3, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(4, 1, 2, 4) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(4, 1, 2, 3, 1) = 2 \cdot 3^{12} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(4, 1, 2, 2, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(4, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(4, 1, 2, 1, 3) = 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(4, 1, 2, 1, 2, 1) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(4, 1, 2, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(4, 1, 2, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(4, 1, 1, 5) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(4, 1, 1, 4, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(4, 1, 1, 3, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(4, 1, 1, 3, 1, 1) = 3^9 + 2 \cdot 3^{14} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(4, 1, 1, 2, 3) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(4, 1, 1, 2, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(4, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(4, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(4, 1, 1, 1, 4) = 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(4, 1, 1, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(4, 1, 1, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(4, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(4, 1, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(4, 1, 1, 1, 1, 2, 1) = 3^7 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(4, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(4, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(3, 8) = 3^{10} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(3, 7, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(3, 6, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(3, 6, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 5, 3) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 5, 2, 1) = 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 5, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 5, 1, 1, 1) = 3^7 + 3^8 + 3^{10} + 3^{12} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 4, 4) = 3^7 + 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 4, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 4, 2, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 4, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 4, 1, 3) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 4, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 4, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 4, 1, 1, 1, 1) = 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 3, 5) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 3, 4, 1) = 3^7 + 3^9 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 3, 3, 2) = 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 3, 3, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 3, 2, 3) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 3, 2, 2, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 3, 2, 1, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 3, 2, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 3, 1, 4) = 2 \cdot 3^{10} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 3, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 3, 1, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 3, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 3, 1, 1, 3) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 3, 1, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 3, 1, 1, 1, 2) = 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 3, 1, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 2, 6) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 2, 5, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 2, 4, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 2, 4, 1, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 2, 3, 3) = 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 2, 3, 2, 1) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 2, 3, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 2, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 2, 2, 4) = 2 \cdot 3^9 + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 2, 2, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 2, 2, 2, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 2, 2, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 2, 2, 1, 3) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 2, 2, 1, 2, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 2, 2, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 2, 1, 5) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 2, 1, 4, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 2, 1, 3, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 2, 1, 3, 1, 1) = 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 2, 1, 2, 3) = 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 2, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{12} + 3^{13} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 2, 1, 2, 1, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 2, 1, 1, 4) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 2, 1, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 2, 1, 1, 2, 2) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 2, 1, 1, 2, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 2, 1, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^9 + 3^{11} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 2, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 2, 1, 1, 1, 1, 1, 1) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 7) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 6, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 5, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 5, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 4, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 4, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 4, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 4, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 3, 4) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 3, 3, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 3, 2, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 3, 2, 1, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 3, 1, 3) = 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 3, 1, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 2, 5) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 2, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 2, 3, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 2, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 2, 2, 3) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 2, 2, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 2, 2, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 2, 2, 1, 1, 1) = 3^7 + 3^8 + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 2, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 2, 1, 3, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 2, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 2, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 2, 1, 1, 3) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 2, 1, 1, 1, 2) = 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 6) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 5, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 4, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 4, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 3, 3) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 3, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 2, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 2, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 2, 2, 2) = 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 2, 1, 3) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 2, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 5) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 4, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 3, 2) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 3, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 2, 3) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 2, 2, 1) = 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 2, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 3, 1) = 3^8 + 3^9 + 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 9) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 8, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 7, 2) = 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 7, 1, 1) = 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 6, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 6, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 6, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 6, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 5, 4) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 5, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 5, 2, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 5, 2, 1, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 5, 1, 3) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 5, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 5, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 5, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 4, 5) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 4, 4, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 4, 3, 2) = 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 4, 3, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 4, 2, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 4, 2, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 4, 2, 1, 2) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 4, 2, 1, 1, 1) = 3^{12} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 4, 1, 4) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 4, 1, 3, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 4, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 4, 1, 2, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 4, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 4, 1, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 4, 1, 1, 1, 2) = 2 \cdot 3^8 + 3^9 + 3^{13} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 4, 1, 1, 1, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 3, 6) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 3, 5, 1) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 3, 4, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 3, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 3, 3, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 3, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 3, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 3, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 3, 2, 4) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 3, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 3, 2, 2, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 3, 2, 2, 1, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 3, 2, 1, 3) = 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 3, 2, 1, 2, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 3, 2, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 3, 2, 1, 1, 1, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 3, 1, 5) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 3, 1, 4, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 3, 1, 3, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 3, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 3, 1, 2, 3) = 3^9 + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 3, 1, 2, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 3, 1, 2, 1, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 3, 1, 1, 4) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 3, 1, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 3, 1, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 3, 1, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 3, 1, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 3, 1, 1, 1, 2, 1) = 3^7 + 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 3, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 7) = 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 6, 1) = 2 \cdot 3^7 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 5, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 5, 1, 1) = 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 4, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 4, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 4, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 4, 1, 1, 1) = 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 3, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 3, 3, 1) = 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 3, 2, 2) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 3, 2, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 3, 1, 3) = 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 3, 1, 2, 1) = 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 3, 1, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 2, 5) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 2, 4, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 2, 3, 2) = 3^{13} + 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 2, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 2, 2, 3) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 2, 2, 2, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 2, 2, 1, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 2, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 2, 1, 4) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 2, 1, 3, 1) = 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 2, 1, 2, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 2, 1, 2, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 2, 1, 1, 3) = 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 2, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 2, 1, 1, 1, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 6) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 5, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 4, 2) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 4, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 3, 3) = 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 3, 2, 1) = 2 \cdot 3^9 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 3, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 3, 1, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 2, 4) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 2, 2, 2) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 2, 1, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 2, 1, 2, 1) = 2 \cdot 3^8 + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 2, 1, 1, 2) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 2, 1, 1, 1) = 3^7 + 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 5) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 4, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 3, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 3, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 2, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{13} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 2, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 2) = 3^{10} + 3^{13} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 8) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 7, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 6, 2) = 3^8 + 3^9 + 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 6, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 5, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 5, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 5, 1, 2) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 5, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 4, 4) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 4, 3, 1) = 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 4, 2, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 4, 2, 1, 1) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 4, 1, 3) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 4, 1, 2, 1) = 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 4, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 4, 1, 1, 1, 1) = 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 3, 5) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 3, 4, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 3, 3, 2) = 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 3, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 3, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 3, 2, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 3, 2, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 3, 2, 1, 1, 1) = 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 3, 1, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 3, 1, 3, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 3, 1, 2, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 3, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 3, 1, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 3, 1, 1, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 3, 1, 1, 1, 2) = 3^7 + 3^9 + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 3, 1, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 6) = 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 5, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 2, 4, 2) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 4, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 3, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 3, 2, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 3, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 3, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 2, 4) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 2, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 2, 2, 2) = 3^{13} + 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 2, 2, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 2, 1, 3) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 2, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 5) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 4, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 3, 2) = 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 3, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 2, 3) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 2, 1, 2) = 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 4) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 3, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 2, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 2, 1) = 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 2) = 3^7 + 3^8 + 3^9 + 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 7) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 6, 1) = 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 5, 2) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 5, 1, 1) = 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 4, 3) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 4, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 4, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 4, 1, 1, 1) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 3, 4) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 3, 3, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 3, 2, 2) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 3, 2, 1, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 3, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 3, 1, 1, 2) = 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 5) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 4, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 3, 2) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 3, 1, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 2, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 2, 2, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 2, 1, 2) = 3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 2, 1, 1, 1) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{14}+3^{15}+3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 4) = 3^7+2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 3, 1) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 2, 2) = 3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 2, 1, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 3) = 2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 2, 1) = 2\cdot 3^7+3^8+3^9+2\cdot 3^{10}+3^{11}+3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 2) = 2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 1, 1) = 2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 6) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 5, 1) = 3^8+2\cdot 3^9+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 4, 2) = 3^8+2\cdot 3^{10}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 4, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 3, 3) = 2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 3, 2, 1) = 3^7+3^9+3^{10}+3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 3, 1, 2) = 2\cdot 3^7+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 3, 1, 1, 1) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{12}+3^{13}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 4) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{13}+3^{14}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 3, 1) = 2\cdot 3^7+3^8+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 2, 2) = 2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 2, 1, 1) = 3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 3) = 2\cdot 3^7+2\cdot 3^8+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 2, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 2) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 1, 1) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 5) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 4, 1) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 3, 2) = 3^8+3^9+3^{14}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 3, 1, 1) = 3^7+2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 3) = 2\cdot 3^7+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 2, 1) = 3^7+2\cdot 3^9+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 2) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 1, 1) = 2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+3^{17}+3^{18}+3^{19}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 4) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 2) = 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 3) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2, 1) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 2) = 3^{13} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 10) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 9, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 8, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 8, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 7, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 7, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 7, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 7, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 6, 4) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 6, 3, 1) = 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 6, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 6, 2, 1, 1) = 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 6, 1, 3) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 6, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 6, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 6, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 5, 5) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 5, 4, 1) = 3^7 + 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 5, 3, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 5, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 5, 2, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 5, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 5, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 5, 2, 1, 1, 1) = 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 5, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 5, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 5, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 5, 1, 2, 1, 1) = 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 5, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 5, 1, 1, 2, 1) = 3^9 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 5, 1, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 5, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 4, 6) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 4, 5, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 4, 4, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 4, 4, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 4, 3, 3) = 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 4, 3, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 4, 3, 1, 2) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 4, 3, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 4, 2, 4) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 4, 2, 3, 1) = 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 4, 2, 2, 2) = 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 4, 2, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 4, 2, 1, 3) = 2 \cdot 3^9 + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 4, 2, 1, 2) = 3^8 + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 4, 2, 1, 1, 2) = 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 4, 2, 1, 1, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 4, 1, 5) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 4, 1, 4, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 4, 1, 3, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 4, 1, 3, 1) = 3^8 + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 4, 1, 2, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 4, 1, 2, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 4, 1, 2, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 4, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 4, 1, 1, 4) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 4, 1, 1, 3) = 2 \cdot 3^8 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 4, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 4, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 4, 1, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 4, 1, 1, 1, 2, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 4, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 4, 1, 1, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 7) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 6, 1) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 5, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 5, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 4, 3) = 3^7 + 3^8 + 2 \cdot 3^{12} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 4, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 4, 1, 2) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 4, 1, 1, 1) = 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 3, 4) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 3, 3, 1) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 3, 2, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 3, 2, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 3, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 3, 1, 2, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 3, 1, 1, 2) = 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 2, 5) = 3^7 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 2, 4, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 2, 3, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 2, 3, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 2, 2, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 2, 2, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 2, 2, 1, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 2, 2, 1, 1, 1) = 2 \cdot 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 2, 1, 4) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 2, 1, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 2, 1, 2, 2) = 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 2, 1, 2, 1, 1) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 2, 1, 1, 3) = 2 \cdot 3^9 + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 2, 1, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 2, 1, 1, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 6) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 5, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 4, 2) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 4, 1, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 3, 3) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 3, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 3, 1, 2) = 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 3, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 2, 4) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 2, 3, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 2, 2, 2) = 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 2, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 2, 1, 2, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 2, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 5) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 3, 2) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 2, 2, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 4) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 3, 1) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 2, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 2, 1, 1) = 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 2, 1) = 3^7 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 8) = 3^7 + 3^{10} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 7, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 6, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 6, 1, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 5, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 5, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 5, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 5, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 4, 4) = 3^7 + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 4, 3, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 4, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 4, 2, 1, 1) = 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 4, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 4, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 4, 1, 1, 2) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 4, 1, 1, 1, 1) = 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 3, 5) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 3, 4, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 3, 3, 2) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 3, 3, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 3, 2, 3) = 3^9 + 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 3, 2, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 3, 2, 1, 2) = 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 3, 2, 1, 1, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 3, 1, 4) = 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 3, 1, 3, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 3, 1, 2, 2) = 3^9 + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 3, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 3, 1, 1, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 3, 1, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 3, 1, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 3, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 6) = 2 \cdot 3^7 + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 5, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 4, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 4, 1, 1) = 2 \cdot 3^9 + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 3, 3) = 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 3, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 3, 1, 2) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 2, 4) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 2, 3, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 2, 2, 2) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 2, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 2, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 2, 1, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 5) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 4, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 3, 1, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 2, 3) = 3^9 + 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 2, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 2, 1, 1, 1) = 3^7 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 3, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 7) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 6, 1) = 3^8 + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 5, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 5, 1, 1) = 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 4, 3) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 4, 2, 1) = 3^9 + 3^{10} + 3^{11} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 4, 1, 2) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 4, 1, 1, 1) = 3^8 + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 3, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 3, 3, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 3, 2, 2) = 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 3, 2, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 3, 1, 3) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 3, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 3, 1, 1, 1, 1) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 5) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 4, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 3, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 2, 3) = 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 2, 2, 1) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 2, 1, 2) = 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 4) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 3, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 2, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 2, 1, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 3) = 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 6) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 5, 1) = 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 4, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 4, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 3, 3) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 3, 2, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 3, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 3, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 4) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 3, 1) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 2, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 2, 1, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 3) = 3^7 + 3^8 + 2 \cdot 3^{12} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 2, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 2) = 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 5) = 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 4, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 3, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 9) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 8, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 7, 2) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 7, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 6, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 6, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 6, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 6, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 5, 4) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 5, 3, 1) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 5, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 5, 2, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 5, 1, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 5, 1, 2, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 5, 1, 1, 2) = 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 5, 1, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 4, 5) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 4, 4, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 4, 3, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 4, 3, 1, 1) = 3^8 + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 4, 2, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 4, 2, 2, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 4, 2, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 4, 2, 1, 1, 1) = 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 4, 1, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 4, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 4, 1, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 4, 1, 2, 1, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 4, 1, 1, 3) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 4, 1, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 4, 1, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 4, 1, 1, 1, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 6) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 5, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 4, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 4, 1, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 3, 3) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 3, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 3, 1, 1, 1) = 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 2, 4) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 2, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 2, 2, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 2, 2, 1, 1) = 2 \cdot 3^9 + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 2, 1, 3) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 2, 1, 2, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 2, 1, 1, 2) = 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 2, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 5) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 4, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 3, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 2, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 2, 2, 1) = 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 2, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 3, 1) = 3^8 + 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 2, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 2, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 7) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 6, 1) = 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 5, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 5, 1, 1) = 3^{10} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 4, 3) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 4, 2, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 4, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 4, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 3, 4) = 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 3, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 3, 2, 2) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 3, 2, 1, 1) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 3, 1, 3) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 3, 1, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 3, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 3, 1, 1, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 5) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 4, 1) = 3^9 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 3, 2) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 3, 1, 1) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 2, 3) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 2, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 2, 1, 2) = 2 \cdot 3^9 + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 2, 1, 1, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 4) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 3, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 2, 1, 1) = 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 3) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 2) = 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 1, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 6) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 5, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 4, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 4, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 3, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 3, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 3, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 3, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 4) = 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 3, 1) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 2, 1, 1) = 3^{12} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 2) = 3^7+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 1, 1) = 2\cdot 3^{12}+2\cdot 3^{15}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 5) = 2\cdot 3^8+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 4, 1) = 3^9+3^{10}+3^{11}+3^{13}+3^{14}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 3, 2) = 3^8+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 3, 1, 1) = 3^8+3^{10}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 3) = 3^7+3^{11}+3^{12}+3^{13}+3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 2, 1) = 2\cdot 3^7+2\cdot 3^9+3^{11}+2\cdot 3^{12}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 2) = 3^7+3^8+3^9+3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 1, 1) = 2\cdot 3^{11}+3^{13}+3^{14}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 4) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 3, 1) = 3^7+2\cdot 3^{10}+3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 2) = 3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 1, 1) = 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 3) = 2\cdot 3^7+3^8+3^9+3^{10}+3^{11}+3^{12}+3^{14}+3^{15}+3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 2, 1) = 2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 2) = 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 2\cdot 3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 8) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 7, 1) = 2\cdot 3^9+2\cdot 3^{11}+3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 6, 2) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 6, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 5, 3) = 3^7+3^9+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 5, 2, 1) = 2\cdot 3^8+3^9+3^{10}+3^{14}+3^{15}+3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 5, 1, 2) = 2\cdot 3^8+3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 5, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{12}+3^{13}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 4, 4) = 2\cdot 3^8+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 4, 3, 1) = 3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 4, 2, 2) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 4, 2, 1, 1) = 3^8+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 4, 1, 3) = 3^9+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 4, 1, 2, 1) = 2\cdot 3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 4, 1, 1, 2) = 2\cdot 3^8+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 4, 1, 1, 1) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 5) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 4, 1) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 3, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 2, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 2, 1, 2) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 2, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 4) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 3, 1) = 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 2, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 2, 1, 1) = 3^8 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 6) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 5, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 4, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 4, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 3, 3) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 3, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 3, 1, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 3) = 3^7 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 1, 1) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 5) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 4, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 3, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 3, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 3) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 2) = 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 4) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 7) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 6, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 5, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 5, 1, 1) = 2 \cdot 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 4, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 4, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 4, 1, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 4, 1, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 4) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 2, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 5) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 4, 1) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 3, 2) = 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 3, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 3) = 2 \cdot 3^7 + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 2) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 1, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 4) = 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 3, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 2) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 2) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 6) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 5, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 4, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 4, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 2) = 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 4) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 3, 1) = 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 2) = 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 2) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 5) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 4, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 3) = 3^7 + 3^{10} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1, 2) = 3^{10} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 4) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 3, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \end{aligned}$$

**2.13. weight 12 case.**

$$\begin{aligned} \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(12) = 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(11, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(10, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(10, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(9, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(9, 2, 1) = 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(9, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(9, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(8, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(8, 3, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(8, 2, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(8, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(8, 1, 3) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(8, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(8, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(8, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(7, 5) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(7, 4, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(7, 3, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(7, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(7, 2, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\ \zeta_3([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(7, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(7, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(7, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(7, 1, 4) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(7, 1, 3, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(7, 1, 2, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(7, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(7, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(7, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(7, 1, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(7, 1, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(6, 6) = O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(6, 5, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(6, 4, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(6, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(6, 3, 3) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(6, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(6, 3, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(6, 3, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(6, 2, 4) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(6, 2, 3, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(6, 2, 2, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{14} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(6, 2, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(6, 2, 1, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(6, 2, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(6, 2, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(6, 2, 1, 1, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(6, 1, 5) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(6, 1, 4, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(6, 1, 3, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(6, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(6, 1, 2, 3) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(6, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(6, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(6, 1, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(6, 1, 1, 4) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(6, 1, 1, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(6, 1, 1, 2, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(6, 1, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(6, 1, 1, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(6, 1, 1, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(6, 1, 1, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(6, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(5, 7) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(5, 6, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(5, 5, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(5, 5, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(5, 4, 3) = 3^9 + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(5, 4, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(5, 4, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(5, 4, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(5, 3, 4) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(5, 3, 3, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(5, 3, 2, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(5, 3, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(5, 3, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(5, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(5, 3, 1, 1, 2) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(5, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(5, 2, 5) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(5, 2, 4, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(5, 2, 3, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(5, 2, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(5, 2, 2, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(5, 2, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(5, 2, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(5, 2, 2, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(5, 2, 1, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(5, 2, 1, 3, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(5, 2, 1, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(5, 2, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(5, 2, 1, 1, 3) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(5, 2, 1, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(5, 2, 1, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(5, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(5, 1, 6) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(5, 1, 5, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(5, 1, 4, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(5, 1, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(5, 1, 3, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(5, 1, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(5, 1, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(5, 1, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(5, 1, 2, 4) = 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(5, 1, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(5, 1, 2, 2, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(5, 1, 2, 2, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(5, 1, 2, 1, 3) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(5, 1, 2, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(5, 1, 2, 1, 1, 2) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(5, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(5, 1, 1, 5) = 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(5, 1, 1, 4, 1) = 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(5, 1, 1, 3, 2) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(5, 1, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(5, 1, 1, 2, 3) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(5, 1, 1, 2, 2, 1) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(5, 1, 1, 2, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(5, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(5, 1, 1, 1, 4) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(5, 1, 1, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(5, 1, 1, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(5, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(5, 1, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(5, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(5, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(5, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(4, 8) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(4, 7, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(4, 6, 2) = 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(4, 6, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(4, 5, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(4, 5, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(4, 5, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(4, 5, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(4, 4, 4) = O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(4, 4, 3, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(4, 4, 2, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(4, 4, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(4, 4, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(4, 4, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(4, 4, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(4, 4, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(4, 3, 5) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(4, 3, 4, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(4, 3, 3, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(4, 3, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(4, 3, 2, 3) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(4, 3, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(4, 3, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(4, 3, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(4, 3, 1, 4) = 3^8 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(4, 3, 1, 3, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(4, 3, 1, 2, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(4, 3, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(4, 3, 1, 1, 3) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(4, 3, 1, 1, 2, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(4, 3, 1, 1, 1, 2) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(4, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(4, 2, 6) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(4, 2, 5, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(4, 2, 4, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(4, 2, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(4, 2, 3, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(4, 2, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(4, 2, 3, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(4, 2, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(4, 2, 2, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(4, 2, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(4, 2, 2, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(4, 2, 2, 2, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(4, 2, 2, 1, 3) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(4, 2, 2, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(4, 2, 2, 1, 1, 2) = 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(4, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(4, 2, 1, 5) = 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(4, 2, 1, 4, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(4, 2, 1, 3, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(4, 2, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(4, 2, 1, 2, 3) = 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(4, 2, 1, 2, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(4, 2, 1, 2, 1, 2) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(4, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(4, 2, 1, 1, 4) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(4, 2, 1, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(4, 2, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(4, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(4, 2, 1, 1, 1, 3) = 2 \cdot 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(4, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(4, 2, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(4, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(4, 1, 7) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(4, 1, 6, 1) = 2 \cdot 3^7 + 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(4, 1, 5, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(4, 1, 5, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(4, 1, 4, 3) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(4, 1, 4, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(4, 1, 4, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(4, 1, 4, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(4, 1, 3, 4) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(4, 1, 3, 3, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(4, 1, 3, 2, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(4, 1, 3, 2, 1, 1) = 3^9 + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(4, 1, 3, 1, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(4, 1, 3, 1, 2, 1) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(4, 1, 3, 1, 1, 2) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(4, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(4, 1, 2, 5) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(4, 1, 2, 4, 1) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(4, 1, 2, 3, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(4, 1, 2, 3, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(4, 1, 2, 2, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(4, 1, 2, 2, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(4, 1, 2, 2, 1, 2) = 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(4, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{12} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(4, 1, 2, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(4, 1, 2, 1, 3, 1) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(4, 1, 2, 1, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(4, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(4, 1, 2, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(4, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(4, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(4, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(4, 1, 1, 6) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(4, 1, 1, 5, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})
 \end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 6, 3) = 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 6, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 6, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 6, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 5, 4) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 5, 3, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 5, 2, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 5, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 5, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 5, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 5, 1, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 5, 1, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 4, 5) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 4, 4, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 4, 3, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 4, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 4, 2, 3) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 4, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 4, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 4, 2, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 4, 1, 4) = 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 4, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 4, 1, 2, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 4, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 4, 1, 1, 3) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 4, 1, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 4, 1, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 4, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 3, 6) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 3, 5, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 3, 4, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 3, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 3, 3, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 3, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 3, 3, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 3, 3, 1, 1, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 3, 2, 4) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 3, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 3, 2, 2, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 3, 2, 2, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 3, 2, 1, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 3, 2, 1, 2, 1) = 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 3, 2, 1, 1, 2) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 3, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 3, 1, 5) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 3, 1, 4, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 3, 1, 3, 2) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 3, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 3, 1, 2, 3) = 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 3, 1, 2, 2, 1) = 3^8 + 3^{10} + 3^{12} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 3, 1, 2, 1, 2) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 3, 1, 1, 4) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 3, 1, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 3, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 3, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^{11} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 3, 1, 1, 1, 3) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 3, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 3, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(3, 2, 7) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(3, 2, 6, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(3, 2, 5, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(3, 2, 5, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 2, 4, 3) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 2, 4, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 2, 4, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 2, 4, 1, 1, 1) = 3^{10} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 2, 3, 4) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 2, 3, 3, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 2, 3, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 2, 3, 2, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 2, 3, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 2, 3, 1, 2, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 2, 3, 1, 1, 2) = 2 \cdot 3^9 + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 2, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 2, 2, 5) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 2, 2, 4, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 2, 2, 3, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 2, 2, 3, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 2, 2, 2, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 2, 2, 2, 2, 1) = 2 \cdot 3^{13} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 2, 2, 2, 1, 2) = 3^{10} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 2, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 2, 2, 1, 4) = 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 2, 2, 1, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 2, 2, 1, 2, 2) = 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 2, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 2, 2, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 2, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 2, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 2, 1, 6) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 2, 1, 5, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 2, 1, 4, 2) = 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 2, 1, 4, 1, 1) = 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 2, 1, 3, 3) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 2, 1, 3, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 2, 1, 3, 1, 2) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 2, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 2, 1, 2, 4) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 2, 1, 2, 3, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 2, 1, 2, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 2, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 2, 1, 2, 1, 3) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 2, 1, 2, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 2, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 2, 1, 1, 5) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 2, 1, 1, 4, 1) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 2, 1, 1, 3, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 2, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^9 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 2, 1, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 2, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 2, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 2, 1, 1, 1, 4) = 3^8 + 3^{11} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 2, 1, 1, 1, 3, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 2, 1, 1, 1, 2, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 2, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 2, 1, 1, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 2, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 2, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{11} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 2, 1, 1, 1, 1, 1, 1, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 8) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 7, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 6, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 6, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 5, 3) = 2 \cdot 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 5, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 5, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 5, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 4, 4) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 4, 3, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 4, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 4, 2, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{18} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 4, 1, 3) = 3^9+3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 4, 1, 2, 1) = 2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 4, 1, 1, 2) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 4, 1, 1, 1, 1) = 2\cdot 3^7+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 3, 5) = 2\cdot 3^8+3^9+3^{10}+3^{13}+2\cdot 3^{16}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 3, 4, 1) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 3, 3, 2) = 2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 3, 3, 1, 1) = 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 3, 2, 3) = 2\cdot 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 3, 2, 2, 1) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 3, 2, 1, 2) = 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 3, 2, 1, 1, 1) = 2\cdot 3^7+2\cdot 3^9+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 3, 1, 4) = 3^{11}+3^{12}+3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 3, 1, 3, 1) = 3^9+3^{10}+3^{11}+3^{12}+3^{13}+3^{16}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 3, 1, 2, 2) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 3, 1, 2, 1, 1) = 2\cdot 3^7+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 3, 1, 1, 3) = 2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 3, 1, 1, 2, 1) = 2\cdot 3^7+2\cdot 3^9+2\cdot 3^{12}+3^{13}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 3, 1, 1, 1, 2) = 2\cdot 3^7+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 3, 1, 1, 1, 1, 1) = 2\cdot 3^7+2\cdot 3^8+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 2, 6) = 2\cdot 3^8+3^9+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 2, 5, 1) = 3^9+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 2, 4, 2) = 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 2, 4, 1, 1) = 2\cdot 3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 2, 3, 3) = 3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 2, 3, 2, 1) = 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 2, 3, 1, 2) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 2, 3, 1, 1, 1) = 2\cdot 3^7+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 2, 2, 4) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 2, 2, 3, 1) = 2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 2, 2, 2, 2) = 2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 2, 2, 2, 1, 1) = 2\cdot 3^7+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 2, 2, 1, 3) = 2\cdot 3^{10}+3^{11}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 2, 2, 1, 2, 1) = 2\cdot 3^7+3^9+3^{10}+2\cdot 3^{12}+3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 2, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 2, 1, 5) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 2, 1, 4, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 2, 1, 3, 2) = 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 2, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 2, 1, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 2, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 2, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 2, 1, 1, 4) = 3^8 + 3^9 + 3^{11} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 2, 1, 1, 3, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 2, 1, 1, 2, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 2, 1, 1, 1, 3) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 2, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 7) = 2 \cdot 3^8 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 6, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 5, 2) = 3^8 + 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 5, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 4, 3) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 4, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 4, 1, 2) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 4, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 3, 4) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 3, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 3, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 3, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 3, 1, 3) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 3, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 2, 5) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 2, 4, 1) = 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 2, 3, 2) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 2, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 2, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 2, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 2, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 2, 1, 4) = 2 \cdot 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 2, 1, 3, 1) = 2 \cdot 3^7 + 3^{10} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 2, 1, 2, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 2, 1, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 6) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 5, 1) = 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 4, 2) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 3, 3) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 3, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 2, 4) = 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 2, 3, 1) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 2, 2, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 2, 1, 3) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 2, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 5) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 4, 1) = 2 \cdot 3^7 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 3, 2) = 2 \cdot 3^7 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 2, 3) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 2, 1, 1, 1) = 3^9 + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 4) = 3^{11} + 3^{13} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 3, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 2, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 3) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 10) = 2 \cdot 3^{11} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 9, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 8, 2) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 8, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 7, 3) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 7, 2, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 7, 1, 2) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 7, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 6, 4) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 6, 3, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 6, 2, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 6, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 6, 1, 3) = 3^8 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 6, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 6, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 6, 1, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 5, 5) = 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 5, 4, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 5, 3, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 5, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 5, 2, 3) = 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{14}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 5, 2, 2, 1) = 2\cdot 3^7+2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{14}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 5, 2, 1, 2) = 2\cdot 3^7+3^8+2\cdot 3^9+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 5, 2, 1, 1, 1) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 5, 1, 4) = 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 5, 1, 3, 1) = 2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 5, 1, 2, 2) = 3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 5, 1, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 5, 1, 1, 3) = 3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 5, 1, 1, 2, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 5, 1, 1, 1, 2) = 2\cdot 3^8+2\cdot 3^9+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 5, 1, 1, 1, 1, 1) = 3^{10}+3^{12}+2\cdot 3^{14}+3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 4, 6) = 3^9+3^{10}+2\cdot 3^{11}+3^{12}+3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 4, 5, 1) = 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 4, 4, 2) = 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 4, 4, 1, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 4, 3, 3) = 3^8+3^{10}+2\cdot 3^{11}+3^{12}+3^{15}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 4, 3, 2, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 4, 3, 1, 2) = 2\cdot 3^7+3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 4, 3, 1, 1, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 4, 2, 4) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 4, 2, 3, 1) = 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 4, 2, 2, 2) = 3^9+3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 4, 2, 2, 1, 1) = 2\cdot 3^8+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 4, 2, 1, 3) = 2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 4, 2, 1, 2, 1) = 2\cdot 3^8+3^9+2\cdot 3^{11}+2\cdot 3^{13}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 4, 2, 1, 1, 2) = 2\cdot 3^8+3^{12}+2\cdot 3^{15}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 4, 2, 1, 1, 1, 1) = 3^9+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 4, 1, 5) = 3^7+2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 4, 1, 4, 1) = 3^9+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 4, 1, 3, 2) = 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 4, 1, 3, 1, 1) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 4, 1, 2, 3) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 4, 1, 2, 2, 1) = 2\cdot 3^8+3^9+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 4, 1, 2, 1, 2) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 4, 1, 2, 1, 1, 1) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 4, 1, 1, 4) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 4, 1, 1, 3, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 4, 1, 1, 2, 2) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 4, 1, 1, 2, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 4, 1, 1, 1, 3) = 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 4, 1, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 4, 1, 1, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 4, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 3, 7) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 3, 6, 1) = 2 \cdot 3^8 + 3^{10} + 3^{13} + 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 3, 5, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 3, 5, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 3, 4, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 3, 4, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 3, 4, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 3, 4, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 3, 3, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 3, 3, 3, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 3, 3, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 3, 3, 2, 1, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 3, 3, 1, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 3, 3, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 3, 3, 1, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 3, 3, 1, 1, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 3, 2, 5) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 3, 2, 4, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 3, 2, 3, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 3, 2, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 3, 2, 2, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 3, 2, 2, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 3, 2, 2, 1, 2) = 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 3, 2, 2, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 3, 2, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 3, 2, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 3, 2, 1, 2, 2) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 3, 2, 1, 2, 1, 1) = 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 3, 2, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 3, 2, 1, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 3, 2, 1, 1, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 3, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 3, 1, 6) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 3, 1, 5, 1) = 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 3, 1, 4, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 3, 1, 4, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 3, 1, 3, 3) = 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 3, 1, 3, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 3, 1, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 3, 1, 3, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 3, 1, 2, 4) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 3, 1, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 3, 1, 2, 2, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 3, 1, 2, 2, 1, 1) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 3, 1, 2, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 3, 1, 2, 1, 2, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 3, 1, 2, 1, 1, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 3, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 3, 1, 1, 5) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 3, 1, 1, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 3, 1, 1, 3, 2) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 3, 1, 1, 3, 1, 1) = 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 3, 1, 1, 2, 3) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 3, 1, 1, 2, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 3, 1, 1, 2, 1, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 3, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 3, 1, 1, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 3, 1, 1, 1, 3, 1) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 3, 1, 1, 1, 2, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 3, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 3, 1, 1, 1, 1, 3) = 2 \cdot 3^9 + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 3, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 3, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 3, 1, 1, 1, 1, 1, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 8) = 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 7, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 6, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 6, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 5, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 5, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 5, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 5, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 4, 4) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 4, 3, 1) = 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 4, 2, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 4, 2, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 4, 1, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 4, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 4, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 4, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 3, 5) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 3, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 3, 3, 2) = 3^{11} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 3, 3, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 3, 2, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 3, 2, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 3, 2, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 3, 2, 1, 1, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 3, 1, 4) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 3, 1, 3, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 3, 1, 2, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 3, 1, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 3, 1, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 3, 1, 1, 2, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 3, 1, 1, 1, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 3, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 2, 6) = 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{13} + 3^{14} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 2, 5, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 2, 4, 2) = 2 \cdot 3^{11} + 3^{12} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 2, 4, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 2, 3, 3) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 2, 3, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 2, 3, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 2, 3, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 2, 2, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 2, 2, 3, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 2, 2, 2, 2) = O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 2, 2, 2, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 2, 2, 1, 3) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 2, 2, 1, 2, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 2, 2, 1, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 2, 1, 5) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 2, 1, 4, 1) = 3^{10} + 3^{11} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 2, 1, 3, 2) = 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 2, 1, 3, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 2, 1, 2, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 2, 1, 2, 2, 1) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 2, 1, 2, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 2, 1, 1, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 2, 1, 1, 3, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 2, 1, 1, 2, 2) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 2, 1, 1, 1, 3) = 3^9 + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{14} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 2, 1, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 7) = 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 6, 1) = 2 \cdot 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 5, 2) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 5, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 4, 3) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 4, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 4, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 4, 1, 1, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 3, 4) = 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 3, 3, 1) = 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 3, 2, 2) = 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 3, 2, 1, 1) = 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 3, 1, 3) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 3, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 3, 1, 1, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 2, 5) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 2, 4, 1) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 2, 3, 2) = 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 2, 3, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 2, 2, 3) = 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 2, 2, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 2, 2, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 2, 1, 4) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 2, 1, 3, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 2, 1, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 2, 1, 1, 3) = 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 2, 1, 1, 1, 1, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 6) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 5, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 4, 2) = 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 4, 1, 1) = 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 3, 3) = 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 3, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 2, 4) = 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 2, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 2, 2, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 2, 1, 3) = 2 \cdot 3^9 + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 2, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 2, 1, 1, 1, 1) = 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 5) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 4, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 3, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 2, 3) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 2, 1, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{12} + 3^{13} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 3, 1) = 3^8 + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 2, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 2, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 3) = 3^8 + 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 9) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 8, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 7, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 7, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 6, 3) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 6, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 6, 1, 2) = 2 \cdot 3^7 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 6, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 5, 4) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 5, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 5, 2, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 5, 2, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 5, 1, 3) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 5, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 5, 1, 1, 2) = 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 5, 1, 1, 1, 1) = 3^9 + 3^{10} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 4, 5) = 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 4, 4, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 4, 3, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 4, 3, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 4, 2, 3) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 4, 2, 2, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 4, 2, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 4, 2, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 4, 1, 4) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 4, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 4, 1, 2, 2) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 4, 1, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 4, 1, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 4, 1, 1, 2, 1) = 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 4, 1, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 4, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 3, 6) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 3, 5, 1) = 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 3, 4, 2) = 2 \cdot 3^9 + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 3, 4, 1, 1) = 3^9 + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 3, 3, 3) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 3, 3, 2, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 3, 3, 1, 2) = 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 3, 3, 1, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 3, 2, 4) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 3, 2, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 3, 2, 2, 2) = 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 3, 2, 2, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 3, 2, 1, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 3, 2, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 3, 2, 1, 1, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 3, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 3, 1, 5) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 3, 1, 4, 1) = 2 \cdot 3^{10} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 3, 1, 3, 2) = 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 3, 1, 3, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 3, 1, 2, 3) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 3, 1, 2, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 3, 1, 2, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 3, 1, 1, 4) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 3, 1, 1, 3, 1) = 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 3, 1, 1, 2, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 3, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 3, 1, 1, 1, 3) = 3^9 + 3^{10} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 3, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 7) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 6, 1) = 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 2, 5, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 5, 1, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 4, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 4, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 4, 1, 2) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 4, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 3, 4) = 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 3, 3, 1) = 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 3, 2, 2) = 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 3, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 3, 1, 3) = 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 3, 1, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 3, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 2, 5) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 2, 4, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 2, 2, 3, 2) = 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 2, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 2, 2, 3) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 2, 2, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 2, 2, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 2, 1, 4) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 2, 1, 3, 1) = 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 2, 1, 2, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 2, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 2, 1, 1, 1, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 6) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 5, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 4, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 4, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 3, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 3, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 3, 1, 2) = 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 2, 4) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 2, 3, 1) = 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 2, 2, 2) = 3^{11} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 2, 1, 3) = 2 \cdot 3^{11} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 2, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 5) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 4, 1) = 3^9 + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 3, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 2, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 3, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 2, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 2, 1, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 3) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 2, 1) = 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 8) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 7, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 6, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 6, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 5, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 5, 2, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 5, 1, 2) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 5, 1, 1, 1) = 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 4, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 4, 3, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 4, 2, 2) = 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 4, 2, 1, 1) = 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 4, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 4, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 4, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 4, 1, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 3, 5) = 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 3, 4, 1) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 3, 3, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 3, 3, 1, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 3, 2, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 3, 2, 2, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 3, 2, 1, 2) = 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 3, 2, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 3, 1, 4) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 3, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 3, 1, 2, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 3, 1, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 3, 1, 1, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 3, 1, 1, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 3, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 6) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 5, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 4, 2) = 2 \cdot 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 4, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 3, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 3, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 3, 1, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 3, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 2, 4) = 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 2, 3, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 2, 2, 2) = 2 \cdot 3^{11} + 3^{12} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{16} + 3^{17} + 3^{19} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 2, 1, 3) = 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 2, 1, 2, 1) = 2\cdot 3^7+2\cdot 3^8+3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 2, 1, 1, 2) = 2\cdot 3^7+3^8+3^9+3^{10}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 2, 1, 1, 1, 1) = 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 5) = 3^9+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 4, 1) = 2\cdot 3^9+3^{12}+2\cdot 3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 3, 2) = 2\cdot 3^9+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 3, 1, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 2, 3) = 2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 2, 2, 1) = 2\cdot 3^7+2\cdot 3^8+3^9+2\cdot 3^{12}+3^{15}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 2, 1, 2) = 2\cdot 3^7+3^8+3^9+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 2, 1, 1, 1) = 3^9+2\cdot 3^{10}+3^{11}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 4) = 3^7+2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 3, 1) = 3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 2, 2) = 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 2, 1, 1) = 3^{11}+3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 3) = 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 2, 1) = 3^{10}+3^{12}+3^{13}+3^{14}+3^{15}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 1, 2) = 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 3^9+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 7) = 2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 6, 1) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 5, 2) = 2\cdot 3^8+2\cdot 3^9+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 5, 1, 1) = 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 4, 3) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{14}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 4, 2, 1) = 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{15}+3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 4, 1, 2) = 3^8+3^9+3^{11}+3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 4, 1, 1, 1) = 2\cdot 3^7+3^8+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 3, 4) = 3^8+3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 3, 3, 1) = 3^{10}+3^{11}+2\cdot 3^{13}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 3, 2, 2) = 3^9+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 3, 2, 1, 1) = 2\cdot 3^7+3^8+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 3, 1, 3) = 2\cdot 3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{13}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 3, 1, 2, 1) = 2\cdot 3^7+3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 3, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 3, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 5) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 4, 1) = 2 \cdot 3^9 + 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 2, 3) = 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 2, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 2, 1, 1, 1) = 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 2, 1) = 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 6) = 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 5, 1) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 4, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 3, 3) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 3, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 3, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 3, 1, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 2, 1, 1) = 3^{10} + 3^{12} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 2, 1) = 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 1, 2) = 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 5) = 3^7+3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 4, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{12}+2\cdot 3^{14}+3^{15}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 3, 2) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 3, 1, 1) = 3^9+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2, 3) = 2\cdot 3^8+2\cdot 3^{12}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2, 2, 1) = 3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2, 1, 2) = 3^{10}+3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 4) = 2\cdot 3^8+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 3, 1) = 2\cdot 3^9+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 2, 2) = 3^{10}+3^{11}+3^{12}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 3^{10}+3^{11}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1, 3) = 3^{10}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 11) = 3^9+3^{10}+2\cdot 3^{14}+3^{15}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 10, 1) = 3^9+2\cdot 3^{11}+3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 9, 2) = 3^{10}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 9, 1, 1) = 3^8+3^9+2\cdot 3^{11}+3^{13}+3^{15}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 8, 3) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 8, 2, 1) = 3^8+2\cdot 3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 8, 1, 2) = 3^8+2\cdot 3^{10}+3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 8, 1, 1, 1) = 2\cdot 3^7+3^8+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 7, 4) = 3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 7, 3, 1) = 3^8+3^9+3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 7, 2, 2) = 3^8+3^9+3^{12}+3^{13}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 7, 2, 1, 1) = 2\cdot 3^7+3^8+3^9+3^{12}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 7, 1, 3) = 3^8+3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 7, 1, 2, 1) = 2\cdot 3^7+3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 7, 1, 1, 2) = 2\cdot 3^7+3^8+3^9+3^{10}+3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 7, 1, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 6, 5) = 2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 6, 4, 1) = 3^8+2\cdot 3^9+2\cdot 3^{11}+3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 6, 3, 2) = 3^8+3^9+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 6, 3, 1, 1) = 2\cdot 3^7+3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 6, 2, 3) = 3^8+2\cdot 3^9+3^{10}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 6, 2, 2, 1) = 2\cdot 3^7+3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 6, 2, 1, 2) = 2\cdot 3^7+3^8+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 6, 2, 1, 1, 1) = 2\cdot 3^8+3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 6, 1, 4) = 3^7+2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 6, 1, 3, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 6, 1, 2, 2) = 2\cdot 3^9+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 6, 1, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{13}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 6, 1, 1, 3) = 2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 6, 1, 1, 2, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 6, 1, 1, 1, 2) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{14}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 6, 1, 1, 1, 1, 1) = 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 5, 6) = 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 5, 5, 1) = 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 5, 4, 2) = 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 5, 4, 1, 1) = 2\cdot 3^7+3^8+3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 5, 3, 3) = 3^8+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 5, 3, 2, 1) = 2\cdot 3^7+3^8+2\cdot 3^9+3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 5, 3, 1, 2) = 2\cdot 3^7+3^8+3^9+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 5, 3, 1, 1, 1) = 2\cdot 3^8+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 5, 2, 4) = 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 5, 2, 3, 1) = 2\cdot 3^8+3^{12}+2\cdot 3^{15}+3^{16}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 5, 2, 2, 2) = 3^9+2\cdot 3^{13}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 5, 2, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 5, 2, 1, 3) = 2\cdot 3^9+2\cdot 3^{10}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 5, 2, 1, 2, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 5, 2, 1, 1, 2) = 2\cdot 3^8+3^9+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 5, 2, 1, 1, 1, 1) = 2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 5, 1, 5) = 3^7+2\cdot 3^8+2\cdot 3^{11}+3^{12}+3^{15}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 5, 1, 4, 1) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 5, 1, 3, 2) = 3^9+3^{10}+3^{14}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 5, 1, 3, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{14}+3^{15}+3^{18}+3^{19}+O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 5, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 5, 1, 2, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 5, 1, 2, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{13} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 5, 1, 2, 1, 1, 1) = 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 5, 1, 1, 4) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 5, 1, 1, 3, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 5, 1, 1, 2, 2) = 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 5, 1, 1, 2, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 5, 1, 1, 1, 3) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 5, 1, 1, 1, 2, 1) = 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 5, 1, 1, 1, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 5, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 4, 7) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 4, 6, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 4, 5, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 4, 5, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 4, 4, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 4, 4, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 4, 4, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 4, 4, 1, 1, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 4, 3, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 4, 3, 3, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 4, 3, 2, 2) = 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 4, 3, 2, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 4, 3, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 4, 3, 1, 2, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 4, 3, 1, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 4, 3, 1, 1, 1, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 4, 2, 5) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 4, 2, 4, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 4, 2, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 4, 2, 3, 1, 1) = 3^9 + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 4, 2, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 4, 2, 2, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 4, 2, 2, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 4, 2, 2, 1, 1, 1) = 2 \cdot 3^{10} + 3^{13} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 4, 2, 1, 4) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 4, 2, 1, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 4, 2, 1, 2, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 4, 2, 1, 2, 1, 1) = 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 4, 2, 1, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 4, 2, 1, 1, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 4, 2, 1, 1, 1, 2) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 4, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 4, 1, 6) = 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 4, 1, 5, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 4, 1, 4, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 4, 1, 4, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 4, 1, 3, 3) = 3^9 + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 4, 1, 3, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 4, 1, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 4, 1, 3, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 4, 1, 2, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 4, 1, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 4, 1, 2, 2, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 4, 1, 2, 2, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 4, 1, 2, 1, 3) = 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 4, 1, 2, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 4, 1, 2, 1, 1, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 4, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 4, 1, 1, 5) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 4, 1, 1, 4, 1) = 3^9 + 3^{10} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 4, 1, 1, 3, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 4, 1, 1, 3, 1, 1) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 4, 1, 1, 2, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 4, 1, 1, 2, 2, 1) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 4, 1, 1, 2, 1, 2) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 4, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 4, 1, 1, 1, 4) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 4, 1, 1, 1, 3, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 4, 1, 1, 1, 2, 2) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 4, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 4, 1, 1, 1, 1, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 4, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 4, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 4, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 8) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 7, 1) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 6, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 6, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 5, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 5, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 5, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 5, 1, 1, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 4, 4) = 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 4, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 4, 2, 2) = 2 \cdot 3^9 + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 4, 2, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 4, 1, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 4, 1, 2, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 4, 1, 1, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 4, 1, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 3, 5) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 3, 4, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 3, 3, 2) = 2 \cdot 3^{11} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 3, 3, 1, 1) = 3^9 + 3^{13} + 3^{14} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 3, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 3, 2, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 3, 2, 1, 2) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 3, 2, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 3, 1, 4) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 3, 1, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 3, 1, 2, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 3, 1, 2, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 3, 1, 1, 3) = 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 3, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 3, 1, 1, 1, 2) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 2, 6) = 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 2, 5, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 2, 4, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 2, 4, 1, 1) = 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 2, 3, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 2, 3, 2, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 2, 3, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 2, 3, 1, 1, 1) = 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 2, 2, 4) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 2, 2, 3, 1) = 3^{10} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 2, 2, 2, 2) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 2, 2, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 2, 2, 1, 3) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 2, 2, 1, 2, 1) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 2, 2, 1, 1, 2) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 2, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 2, 1, 5) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 2, 1, 4, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 2, 1, 3, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 2, 1, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 2, 1, 2, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 2, 1, 2, 2, 1) = 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 2, 1, 2, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 2, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 2, 1, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 2, 1, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 2, 1, 1, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 2, 1, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 2, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 2, 1, 1, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 7) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 6, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 5, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 5, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 4, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 4, 2, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 4, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 4, 1, 1, 1) = 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 3, 4) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 3, 3, 1) = 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 3, 2, 2) = 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 3, 2, 1, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 3, 1, 3) = O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 3, 1, 2, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 3, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 2, 5) = 2 \cdot 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 2, 4, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 2, 3, 2) = 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 2, 3, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 2, 2, 3) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 2, 2, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 2, 2, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 2, 1, 4) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 2, 1, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 2, 1, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 2, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 2, 1, 1, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 6) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 5, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 4, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 4, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 3, 3) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 3, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 3, 1, 2) = 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 2, 4) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 2, 3, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 2, 2, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 2, 1, 3) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 2, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 5) = 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 4, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 3, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 2, 3) = 3^9 + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 2, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 2, 2) = 3^8 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 3) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 9) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 8, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 7, 2) = 2 \cdot 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 7, 1, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 6, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 6, 2, 1) = 2 \cdot 3^7 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 6, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 6, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 5, 4) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 5, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 5, 2, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 5, 2, 1, 1) = 2 \cdot 3^{10} + 3^{12} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 5, 1, 3) = 3^9 + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 5, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 5, 1, 1, 2) = 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 5, 1, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 4, 5) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 4, 4, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 4, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 4, 3, 1, 1) = 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 4, 2, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 4, 2, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 4, 2, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 4, 2, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 4, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 4, 1, 3, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 4, 1, 2, 2) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 4, 1, 2, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 4, 1, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 4, 1, 1, 2, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 4, 1, 1, 1, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 4, 1, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 3, 6) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 3, 5, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 3, 4, 2) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 3, 4, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 3, 3, 3) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 3, 3, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 3, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 3, 3, 1, 1, 1) = 3^{10} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 3, 2, 4) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 3, 2, 3, 1) = 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 3, 2, 2, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 3, 2, 2, 1, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 3, 2, 1, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 3, 2, 1, 2, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 3, 2, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 3, 2, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 3, 1, 5) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 3, 1, 4, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 3, 1, 3, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 3, 1, 3, 1, 1) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 3, 1, 2, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 3, 1, 2, 2, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 3, 1, 2, 1, 2) = 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 3, 1, 1, 4) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 3, 1, 1, 3, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 3, 1, 1, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 3, 1, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 3, 1, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 3, 1, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 3, 1, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 3, 1, 1, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 7) = 3^7 + 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 6, 1) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 5, 2) = 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 5, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 4, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 4, 2, 1) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 4, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 4, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 3, 4) = 2 \cdot 3^9 + 3^{12} + 3^{13} + 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 3, 3, 1) = 3^{11} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 3, 2, 2) = 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 3, 2, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 3, 1, 3) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 3, 1, 2, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 3, 1, 1, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 3, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 2, 5) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 2, 4, 1) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 2, 3, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 2, 3, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 2, 2, 3) = 3^{11} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 2, 2, 2, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 2, 2, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 2, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 2, 1, 4) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 2, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 2, 1, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 2, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 2, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 2, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 2, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 2, 1, 1, 1, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 6) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 5, 1) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 4, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 4, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 3, 3) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 3, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 3, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 2, 4) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 2, 3, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 2, 2, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 2, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 2, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 5) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 4, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 3, 2) = 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 2, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 2, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 2, 1, 1) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 3) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 8) = 3^7 + 3^8 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 7, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 6, 2) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 6, 1, 1) = 3^9 + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 5, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 5, 2, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 5, 1, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 5, 1, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 4, 4) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 4, 3, 1) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 4, 2, 2) = 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 4, 2, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 4, 1, 3) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 4, 1, 2, 1) = 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 4, 1, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 4, 1, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 3, 5) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 3, 4, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 3, 3, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 3, 3, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 3, 2, 3) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 3, 2, 2, 1) = 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 3, 2, 1, 2) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 3, 2, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 3, 1, 4) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 3, 1, 3, 1) = 2 \cdot 3^{11} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 3, 1, 2, 2) = 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 3, 1, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 3, 1, 1, 3) = 3^9 + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 3, 1, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 3, 1, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 3, 1, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 6) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 5, 1) = 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 4, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 4, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 3, 3) = 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 3, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 3, 1, 2) = 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 3, 1, 1, 1) = 2 \cdot 3^7 + 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 2, 4) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 2, 3, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 2, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 2, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 2, 1, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 2, 1, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 2, 1, 1, 2) = 2 \cdot 3^7 + 3^8 + 3^9 + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 2, 1, 1, 1, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 5) = 2 \cdot 3^{11} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 4, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 3, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 3, 1, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 2, 3) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 2, 2, 1) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 2, 1, 2) = 2 \cdot 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 2, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 3, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 2, 2) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 3) = 3^8 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 1, 2) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 7) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 6, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 5, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 5, 1, 1) = 3^8 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 4, 3) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 4, 2, 1) = 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 4, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 4, 1, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 3, 4) = 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 3, 3, 1) = 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 3, 2, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 3, 2, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 3, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 3, 1, 2, 1) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 3, 1, 1, 2) = 2 \cdot 3^7 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 3, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 5) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 4, 1) = 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 3, 2) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 3, 1, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 2, 3) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 2, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 2, 1, 2) = 2 \cdot 3^7 + 2 \cdot 3^{10} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 2, 1, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 4) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 3, 1) = 3^8 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 2, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 1, 2) = 3^9 + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 6) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 5, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 4, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 4, 1, 1) = 2 \cdot 3^7 + 3^{10} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 3, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 3, 2, 1) = 2 \cdot 3^7 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 3, 1, 2) = 2 \cdot 3^7 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 3, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 4) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 3, 1) = 3^8 + 3^{10} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 2, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 2, 1, 1) = 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 2, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{17} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 5) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 4, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 3, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 3, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 3) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 3^{10} + 3^{12} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 4) = 2 \cdot 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 3, 1) = 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 2, 2) = 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 3^{12} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 10) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 9, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 8, 2) = 2 \cdot 3^8 + 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 8, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 7, 3) = 2 \cdot 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 7, 2, 1) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 7, 1, 2) = 3^{11} + 3^{13} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 7, 1, 1, 1) = 3^8 + 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 6, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 6, 3, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 6, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{12} + 3^{13} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 6, 2, 1, 1) = 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 6, 1, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 6, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 6, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 6, 1, 1, 1, 1) = 3^8 + 3^9 + 3^{11} + 3^{15} + 3^{18} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 5, 5) = 3^7+3^8+3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 5, 4, 1) = 3^7+3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 5, 3, 2) = 3^7+2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 5, 3, 1, 1) = 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{16}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 5, 2, 3) = 3^7+2\cdot 3^8+3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 5, 2, 2, 1) = 3^8+2\cdot 3^{10}+3^{11}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 5, 2, 1, 2) = 3^8+3^{11}+3^{15}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 5, 2, 1, 1, 1) = 3^8+3^9+3^{10}+3^{11}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 5, 1, 4) = 3^7+3^8+2\cdot 3^{10}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 5, 1, 3, 1) = 2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 5, 1, 2, 2) = 2\cdot 3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 5, 1, 2, 1, 1) = 3^8+2\cdot 3^9+3^{11}+3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 5, 1, 1, 3) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 5, 1, 1, 2, 1) = 3^8+3^9+2\cdot 3^{12}+3^{13}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 5, 1, 1, 1, 2) = 3^8+3^9+3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 5, 1, 1, 1, 1, 1) = 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 4, 6) = 3^7+3^8+2\cdot 3^{11}+3^{13}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 4, 5, 1) = 3^7+3^8+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 4, 4, 2) = 3^7+2\cdot 3^8+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 4, 4, 1, 1) = 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 4, 3, 3) = 3^7+2\cdot 3^8+3^9+3^{11}+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{16}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 4, 3, 2, 1) = 3^8+2\cdot 3^9+3^{10}+3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 4, 3, 1, 2) = 3^8+3^9+3^{11}+3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 4, 3, 1, 1, 1) = 3^8+2\cdot 3^9+3^{10}+3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 4, 2, 4) = 3^7+3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 4, 2, 3, 1) = 2\cdot 3^{14}+3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 4, 2, 2, 2) = 2\cdot 3^9+3^{10}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 4, 2, 2, 1, 1) = 3^8+3^{10}+3^{11}+3^{13}+2\cdot 3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 4, 2, 1, 3) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 4, 2, 1, 2, 1) = 3^8+2\cdot 3^9+2\cdot 3^{12}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 4, 2, 1, 1, 2) = 3^8+2\cdot 3^9+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 4, 2, 1, 1, 1, 1) = 3^8+3^{10}+2\cdot 3^{11}+3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 4, 1, 5) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{11}+2\cdot 3^{14}+3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 4, 1, 4, 1) = 3^9+3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 4, 1, 3, 2) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 4, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 4, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 4, 1, 2, 2, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 4, 1, 2, 1, 2) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 4, 1, 2, 1, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 4, 1, 1, 4) = 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{14} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 4, 1, 1, 3, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 4, 1, 1, 2, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 4, 1, 1, 2, 1, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 4, 1, 1, 1, 3) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 4, 1, 1, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 4, 1, 1, 1, 1, 2) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 4, 1, 1, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 7) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 6, 1) = 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 5, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 5, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 4, 3) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 4, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 4, 1, 2) = 2 \cdot 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 4, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 3, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 3, 3, 1) = 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 3, 2, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 3, 2, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 3, 1, 3) = 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 3, 1, 2, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 3, 1, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 3, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 2, 5) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 2, 4, 1) = 3^9 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 2, 3, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 2, 3, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 2, 2, 3) = 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 2, 2, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 2, 2, 1, 2) = 3^9 + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 2, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 2, 1, 4) = 2 \cdot 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 2, 1, 3, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 2, 1, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 2, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 2, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 2, 1, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 2, 1, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 2, 1, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 6) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 5, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 4, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 4, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 3, 3) = 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 3, 2, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 3, 1, 2) = 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 2, 4) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 2, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 2, 2, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 2, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 2, 1, 3) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 2, 1, 2, 1) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 2, 1, 1, 2) = 3^8 + 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 2, 1, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 5) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 4, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 3, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 2, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 2, 1, 2) = 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 2, 1, 1, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 4) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 3, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 2, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 1, 2) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 8) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 7, 1) = 3^7 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 6, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 6, 1, 1) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 5, 3) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 5, 2, 1) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 5, 1, 2) = 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 5, 1, 1, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 4, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 4, 3, 1) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 4, 2, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 4, 2, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 4, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 4, 1, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 4, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 4, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 3, 5) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 3, 4, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 3, 3, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 3, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 3, 2, 3) = 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 3, 2, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 3, 2, 1, 2) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 3, 2, 1, 1, 1) = 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 3, 1, 4) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 3, 1, 3, 1) = 3^9 + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 3, 1, 2, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 3, 1, 2, 1, 1) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 3, 1, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{15} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 3, 1, 1, 2, 1) = 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 3, 1, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 3^{12} + 3^{13} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 3, 1, 1, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 6) = 3^7 + 2 \cdot 3^8 + 3^{10} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 5, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 4, 2) = 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 4, 1, 1) = 3^{12} + 2 \cdot 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 3, 3) = 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 3, 2, 1) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 3, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 3, 1, 1, 1) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 2, 4) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 2, 3, 1) = 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 2, 2, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 2, 2, 1, 1) = 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 2, 1, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 2, 1, 2, 1) = 3^8 + 3^9 + 3^{10} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 2, 1, 1, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 2, 1, 1, 1, 1) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 5) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 4, 1) = 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 3, 2) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 3, 1, 1) = 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 2, 3) = 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 2, 2, 1) = 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 2, 1, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 2, 1, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 3, 1) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 2, 2) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{16}+3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 2, 1, 1) = 2\cdot 3^9+3^{10}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 3) = 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 2, 1) = 3^9+3^{10}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 1, 2) = 2\cdot 3^9+2\cdot 3^{11}+3^{13}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 2, 1, 1, 1, 1, 1, 1) = 3^{10}+2\cdot 3^{16}+2\cdot 3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 7) = 3^7+2\cdot 3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 6, 1) = 3^8+3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 5, 2) = 3^8+3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 5, 1, 1) = 2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{12}+3^{13}+3^{15}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 4, 3) = 3^8+3^9+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 4, 2, 1) = 2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 4, 1, 2) = 2\cdot 3^8+3^{10}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 4, 1, 1, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{12}+3^{13}+3^{14}+3^{16}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 3, 4) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 3, 3, 1) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 3, 2, 2) = 3^9+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 3, 2, 1, 1) = 2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 3, 1, 3) = 3^9+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 3, 1, 2, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 3, 1, 1, 2) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 3, 1, 1, 1, 1) = 3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 5) = 2\cdot 3^8+2\cdot 3^9+3^{10}+3^{12}+3^{14}+3^{15}+2\cdot 3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 4, 1) = 2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 3, 2) = 3^{10}+3^{11}+2\cdot 3^{14}+3^{15}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 3, 1, 1) = 2\cdot 3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 2, 3) = 2\cdot 3^9+3^{12}+3^{13}+3^{15}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 2, 2, 1) = 2\cdot 3^8+3^9+3^{11}+3^{12}+3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 2, 1, 2) = 2\cdot 3^8+3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{15}+3^{16}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 2, 1, 1, 1) = 2\cdot 3^9+3^{10}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 4) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 3, 1) = 3^7+3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 2, 2) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 2, 1, 1) = 3^{11}+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{17}+3^{19}+O(3^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 3) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 2, 1) = 3^{11}+2\cdot 3^{12}+3^{14}+3^{15}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 1, 2) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 6) = 2\cdot 3^8+3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 5, 1) = 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 4, 2) = 2\cdot 3^9+3^{10}+2\cdot 3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 4, 1, 1) = 2\cdot 3^8+3^9+3^{10}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 3, 3) = 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 3, 2, 1) = 2\cdot 3^8+3^9+3^{10}+3^{11}+3^{13}+3^{14}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 3, 1, 2) = 2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 3, 1, 1, 1) = 3^{10}+3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 4) = 3^7+2\cdot 3^8+2\cdot 3^9+3^{10}+3^{11}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 3, 1) = 3^7+3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 2, 2) = 3^7+3^8+3^9+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 2, 1, 1) = 3^9+3^{10}+3^{12}+2\cdot 3^{13}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 3) = 3^7+3^8+3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 2, 1) = 2\cdot 3^9+2\cdot 3^{10}+3^{12}+2\cdot 3^{14}+2\cdot 3^{15}+3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 5) = 3^7+2\cdot 3^8+3^9+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 4, 1) = 3^7+3^{11}+3^{12}+2\cdot 3^{14}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 3, 2) = 3^7+3^8+3^9+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 3, 1, 1) = 3^9+3^{11}+3^{12}+2\cdot 3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 3) = 3^7+3^8+3^9+3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 2, 1) = 3^9+2\cdot 3^{12}+3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 1, 2) = 2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 4) = 3^7+3^8+2\cdot 3^9+3^{10}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 3, 1) = 2\cdot 3^{11}+3^{12}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 2, 2) = 3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 3) = 3^{10}+3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{14}+3^{15}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 9) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 8, 1) = 3^7 + 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 7, 2) = 3^7 + 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 7, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 6, 3) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 6, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 6, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 6, 1, 1, 1) = 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 5, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 5, 3, 1) = 2 \cdot 3^9 + 3^{12} + 3^{14} + 3^{15} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 5, 2, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 5, 2, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 5, 1, 3) = 3^9 + 2 \cdot 3^{10} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 5, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 5, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 5, 1, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 4, 5) = 3^7 + 2 \cdot 3^8 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 4, 4, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 4, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 4, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 4, 2, 3) = 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 4, 2, 2, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 4, 2, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 4, 2, 1, 1, 1) = 3^8 + 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 4, 1, 4) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 4, 1, 3, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 4, 1, 2, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 4, 1, 2, 1, 1) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 4, 1, 1, 3) = 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 4, 1, 1, 2, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 4, 1, 1, 1, 2) = 3^8 + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 4, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 6) = 3^7 + 2 \cdot 3^8 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 5, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 4, 2) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 4, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 3, 3) = 2 \cdot 3^{11} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 3, 2, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 3, 1, 2) = 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 3, 1, 1, 1) = 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 2, 4) = 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 2, 3, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 2, 2, 2) = 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 2, 2, 1, 1) = 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 2, 1, 3) = 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 2, 1, 2, 1) = 3^8 + 3^9 + 3^{10} + 3^{11} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 2, 1, 1, 2) = 3^8 + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 2, 1, 1, 1, 1) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 5) = 3^9 + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 4, 1) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 3, 2) = 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 3, 1, 1) = 3^8 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 2, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 2, 2, 1) = 3^8 + 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 2, 1, 2) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 4) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 3, 1) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 2, 2) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 2, 1, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 3) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{15} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 7) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 6, 1) = 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 5, 2) = 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 5, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 4, 3) = 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 4, 2, 1) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 4, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 4, 1, 1, 1) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 3, 4) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 3, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 3, 2, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 3, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 3, 1, 3) = 2 \cdot 3^{10} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 3, 1, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 3, 1, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 3, 1, 1, 1, 1) = 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 5) = 2 \cdot 3^8 + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 4, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 3, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 3, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 2, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 2, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 2, 1, 2) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 2, 1, 1, 1) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 3, 1) = 3^7 + 3^9 + 3^{10} + 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 2, 2) = 3^7 + 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 2, 1, 1) = 3^{11} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 3) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 2, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 6) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 5, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 4, 2) = 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 4, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + 3^{18} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 3, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 3, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 3, 1, 2) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{13} + 2 \cdot 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 3, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 4) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 3, 1) = 3^7 + 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 2, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 2, 1, 1) = 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 3) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 2, 1) = 3^{10} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{16} + 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 2, 1, 1, 1, 1) = 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 5) = 3^7 + 2 \cdot 3^8 + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 4, 1) = 3^7 + 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 3, 2) = 3^7 + 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 3, 1, 1) = 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 3) = 3^7 + 3^8 + 3^9 + 3^{10} + 3^{13} + 3^{16} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 2, 1) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 1, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 4) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 3, 1) = 2 \cdot 3^{10} + 3^{12} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 2, 2) = 2 \cdot 3^{11} + 2 \cdot 3^{15} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 3^{10} + 2 \cdot 3^{14} + 2 \cdot 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 3) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 3^{11} + 3^{13} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 8) = 3^7 + 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 7, 1) = 3^8 + 3^9 + 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 6, 2) = 3^8 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 6, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 5, 3) = 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 5, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 5, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{12} + 2 \cdot 3^{14} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 5, 1, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 2 \cdot 3^{12} + 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 4, 4) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 4, 3, 1) = 2 \cdot 3^9 + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 4, 2, 2) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{15} + 2 \cdot 3^{16} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 4, 2, 1, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 4, 1, 3) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 4, 1, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{15} + 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 4, 1, 1, 2) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 4, 1, 1, 1, 1) = 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 5) = 2 \cdot 3^8 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{13} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 4, 1) = 3^{10} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 3, 2) = 3^9 + 3^{10} + 3^{11} + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 3, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 2, 3) = 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 2, 2, 1) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 3^{12} + 3^{13} + 2 \cdot 3^{15} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 2, 1, 2) = 2 \cdot 3^8 + 3^{10} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{17} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 2, 1, 1, 1) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 4) = 3^7 + 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 3, 1) = 3^7 + 2 \cdot 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 2, 2) = 3^7 + 3^8 + 2 \cdot 3^9 + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 2, 1, 1) = 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 3) = 3^7 + 3^8 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 2, 1) = 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{16} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 1, 2) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 3, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 6) = 2 \cdot 3^8 + 2 \cdot 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 5, 1) = 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 4, 2) = 2 \cdot 3^9 + 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 4, 1, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 3, 3) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{14} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 3, 2, 1) = 2 \cdot 3^8 + 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 3^{13} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 3, 1, 2) = 2 \cdot 3^8 + 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 3, 1, 1, 1) = 2 \cdot 3^9 + 3^{12} + 2 \cdot 3^{13} + 3^{14} + 2 \cdot 3^{15} + 3^{16} + 3^{19} + O(3^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 4) = 3^7+2\cdot 3^8+3^{10}+3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 3, 1) = 3^7+3^9+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 2, 2) = 3^7+3^8+2\cdot 3^{10}+3^{13}+3^{14}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 2, 1, 1) = 2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 3) = 3^7+3^8+3^{10}+3^{11}+2\cdot 3^{15}+2\cdot 3^{16}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 2, 1) = 2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{15}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 1, 2) = 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{15}+2\cdot 3^{17}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 2\cdot 3^{12}+2\cdot 3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 5) = 3^7+2\cdot 3^8+3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 4, 1) = 3^7+3^9+3^{10}+2\cdot 3^{11}+3^{13}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 3, 2) = 3^7+3^8+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 3, 1, 1) = 2\cdot 3^{10}+2\cdot 3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 3) = 3^7+3^8+2\cdot 3^{10}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 2, 1) = 3^{10}+2\cdot 3^{11}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 1, 2) = 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 2\cdot 3^{10}+3^{12}+3^{13}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 4) = 3^7+3^8+2\cdot 3^{11}+3^{13}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 3, 1) = 3^9+3^{11}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 2, 2) = 3^9+3^{10}+2\cdot 3^{11}+3^{12}+3^{15}+3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 2\cdot 3^{10}+3^{12}+3^{13}+3^{17}+3^{18}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 3) = 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+3^{15}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 2\cdot 3^{10}+2\cdot 3^{15}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 7) = 2\cdot 3^8+3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+3^{15}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 6, 1) = 2\cdot 3^9+3^{10}+2\cdot 3^{11}+3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 5, 2) = 2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 5, 1, 1) = 2\cdot 3^8+3^9+3^{11}+3^{13}+2\cdot 3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 4, 3) = 2\cdot 3^9+3^{10}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 4, 2, 1) = 2\cdot 3^8+2\cdot 3^9+2\cdot 3^{11}+3^{12}+3^{13}+3^{14}+2\cdot 3^{15}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 4, 1, 2) = 2\cdot 3^8+3^{11}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 4, 1, 1, 1) = 2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+3^{15}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 4) = 3^7+2\cdot 3^8+2\cdot 3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+2\cdot 3^{16}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
 \zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 3, 1) = 3^7+3^9+3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{18}+2\cdot 3^{19}+O(3^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 2, 2) = 3^7+3^8+3^9+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 2, 1, 1) = 3^{10}+2\cdot 3^{12}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 3) = 3^7+3^8+2\cdot 3^9+3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 2, 1) = 2\cdot 3^{10}+2\cdot 3^{12}+3^{13}+3^{16}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 1, 2) = 3^{10}+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 2\cdot 3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 5) = 3^7+2\cdot 3^8+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{16}+2\cdot 3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 4, 1) = 3^7+2\cdot 3^9+3^{11}+3^{13}+3^{14}+2\cdot 3^{16}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 3, 2) = 3^7+3^8+3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+3^{16}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 3, 1, 1) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+3^{12}+3^{14}+3^{15}+2\cdot 3^{17}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 3) = 3^7+3^8+3^9+3^{12}+2\cdot 3^{13}+3^{14}+3^{16}+3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 2, 1) = 3^{11}+3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 1, 2) = 2\cdot 3^{12}+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 3^9+2\cdot 3^{10}+2\cdot 3^{12}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+2\cdot 3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 4) = 3^7+3^8+3^9+3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 3, 1) = 3^{10}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 2, 2) = 3^9+2\cdot 3^{11}+2\cdot 3^{12}+3^{13}+3^{14}+2\cdot 3^{16}+3^{17}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 3^{10}+2\cdot 3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+2\cdot 3^{15}+2\cdot 3^{16}+3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 3) = 3^{11}+2\cdot 3^{12}+3^{13}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 3^{10}+3^{11}+3^{12}+2\cdot 3^{13}+3^{14}+3^{15}+3^{17}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+2\cdot 3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 6) = 3^7+2\cdot 3^8+2\cdot 3^9+2\cdot 3^{10}+2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+2\cdot 3^{15}+3^{16}+3^{17}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 5, 1) = 3^7+2\cdot 3^9+3^{11}+3^{12}+3^{13}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 4, 2) = 3^7+3^8+2\cdot 3^9+2\cdot 3^{10}+3^{11}+3^{12}+3^{13}+2\cdot 3^{14}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 4, 1, 1) = 3^9+2\cdot 3^{12}+3^{13}+2\cdot 3^{15}+2\cdot 3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 3) = 3^7+3^8+3^{10}+3^{11}+3^{12}+2\cdot 3^{14}+3^{15}+3^{16}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 2, 1) = 3^{13}+3^{14}+2\cdot 3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 1, 2) = 3^{10}+2\cdot 3^{11}+2\cdot 3^{12}+2\cdot 3^{15}+3^{16}+3^{17}+2\cdot 3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 2\cdot 3^9+2\cdot 3^{10}+3^{12}+3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 4) = 3^7+3^8+3^9+2\cdot 3^{10}+3^{11}+2\cdot 3^{12}+2\cdot 3^{14}+3^{15}+3^{17}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 3, 1) = 2\cdot 3^9+2\cdot 3^{13}+3^{15}+3^{16}+2\cdot 3^{17}+3^{18}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 2, 2) = 3^9+2\cdot 3^{12}+3^{13}+2\cdot 3^{14}+3^{18}+3^{19}+O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 2\cdot 3^{11}+2\cdot 3^{13}+3^{14}+3^{15}+2\cdot 3^{16}+3^{18}+3^{19}+O(3^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{12} + 3^{13} + 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 3^{10} + 3^{11} + 3^{12} + 3^{13} + 3^{14} + 3^{15} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 3^9 + 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 5) = 3^7 + 3^8 + 3^9 + 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 4, 1) = 3^9 + 3^{10} + 3^{11} + 2 \cdot 3^{12} + 3^{13} + 2 \cdot 3^{14} + 3^{15} + 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 3, 2) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{13} + 2 \cdot 3^{14} + 3^{17} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 3^{10} + 3^{11} + 2 \cdot 3^{13} + 3^{15} + 3^{16} + 2 \cdot 3^{18} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 3) = 3^9 + 2 \cdot 3^{10} + 2 \cdot 3^{11} + 3^{12} + 3^{16} + 3^{17} + 3^{18} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 3^{10} + 2 \cdot 3^{13} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 3^{10} + 2 \cdot 3^{11} + 2 \cdot 3^{12} + 2 \cdot 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 4) = 2 \cdot 3^9 + 2 \cdot 3^{11} + 3^{14} + 2 \cdot 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 3^9 + 3^{10} + 2 \cdot 3^{11} + 3^{13} + 3^{15} + 2 \cdot 3^{16} + 2 \cdot 3^{17} + 3^{18} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 3^{11} + 3^{13} + 3^{16} + 3^{17} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 3^9 + 3^{10} + 2 \cdot 3^{14} + 3^{15} + 3^{19} + O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(3^{20}) \\
\zeta_3([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_3(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(3^{20})
\end{aligned}$$

3.  $p = 5$  CASE

## 3.1. weight 0 case.

$$\zeta_5([\emptyset]) = \zeta_5() = 1 + O(5^{20})$$

## 3.2. weight 1 case.

$$\zeta_5([1]) = \zeta_5(1) = O(5^{20})$$

## 3.3. weight 2 case.

$$\zeta_5([1, 0]) = \zeta_5(2) = O(5^{20})$$

$$\zeta_5([1, 1]) = \zeta_5(1, 1) = O(5^{20})$$

## 3.4. weight 3 case.

$$\zeta_5([1, 0, 0]) = \zeta_5(3) = 3 \cdot 5^3 + 3 \cdot 5^5 + 2 \cdot 5^7 + 5^8 + 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + O(5^{20})$$

$$\zeta_5([1, 0, 1]) = \zeta_5(2, 1) = 4 \cdot 5^3 + 3 \cdot 5^4 + 3 \cdot 5^5 + 3 \cdot 5^6 + 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0]) = \zeta_5(1, 2) = 3 \cdot 5^3 + 3 \cdot 5^5 + 2 \cdot 5^7 + 5^8 + 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + O(5^{20})$$

$$\zeta_5([1, 1, 1]) = \zeta_5(1, 1, 1) = O(5^{20})$$

## 3.5. weight 4 case.

$$\zeta_5([1, 0, 0, 0]) = \zeta_5(4) = O(5^{20})$$

$$\zeta_5([1, 0, 0, 1]) = \zeta_5(3, 1) = O(5^{20})$$

$$\zeta_5([1, 0, 1, 0]) = \zeta_5(2, 2) = O(5^{20})$$

$$\zeta_5([1, 0, 1, 1]) = \zeta_5(2, 1, 1) = O(5^{20})$$

$$\zeta_5([1, 1, 0, 0]) = \zeta_5(1, 3) = O(5^{20})$$

$$\zeta_5([1, 1, 0, 1]) = \zeta_5(1, 2, 1) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 0]) = \zeta_5(1, 1, 2) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 1]) = \zeta_5(1, 1, 1, 1) = O(5^{20})$$

**3.6. weight 5 case.**

$$\begin{aligned} \zeta_5([1, 0, 0, 0, 0]) &= \zeta_5(5) = 4 \cdot 5^4 + 4 \cdot 5^5 + 5^6 + 3 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 1]) &= \zeta_5(4, 1) = 3 \cdot 5^4 + 4 \cdot 5^6 + 4 \cdot 5^7 + 4 \cdot 5^9 + 5^{10} + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 1, 0]) &= \zeta_5(3, 2) = 3 \cdot 5^4 + 5^5 + 5^6 + 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1) = 3 \cdot 5^4 + 2 \cdot 5^5 + 5^6 + 3 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 5^{11} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 1, 0, 0]) &= \zeta_5(2, 3) = 3 \cdot 5^4 + 3 \cdot 5^5 + 5^6 + 5^7 + 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1) = 3 \cdot 5^4 + 4 \cdot 5^5 + 3 \cdot 5^6 + 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2) = 3 \cdot 5^4 + 5^5 + 5^6 + 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1) = 4 \cdot 5^4 + 2 \cdot 5^6 + 5^7 + 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 0]) &= \zeta_5(1, 4) = 3 \cdot 5^4 + 4 \cdot 5^5 + 3 \cdot 5^6 + 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1) = 3 \cdot 5^4 + 2 \cdot 5^5 + 5^6 + 3 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 5^{11} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2) = 3 \cdot 5^4 + 3 \cdot 5^5 + 5^6 + 5^7 + 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1) = 4 \cdot 5^4 + 3 \cdot 5^5 + 5^6 + 3 \cdot 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3) = 3 \cdot 5^4 + 4 \cdot 5^5 + 3 \cdot 5^6 + 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1) = 4 \cdot 5^4 + 2 \cdot 5^6 + 5^7 + 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2) = 4 \cdot 5^4 + 4 \cdot 5^5 + 5^6 + 3 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1) = O(5^{20}) \end{aligned}$$

**3.7. weight 6 case.**

$$\begin{aligned} \zeta_5([1, 0, 0, 0, 0, 0]) &= \zeta_5(6) = O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 1]) &= \zeta_5(5, 1) = 2 \cdot 5^6 + 3 \cdot 5^7 + 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 1, 0]) &= \zeta_5(4, 2) = 5^6 + 3 \cdot 5^7 + 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 1, 1]) &= \zeta_5(4, 1, 1) = 3 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 3) = 2 \cdot 5^6 + 3 \cdot 5^7 + 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 2, 1) = 4 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 2) = 4 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1) = 5^6 + 3 \cdot 5^7 + 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 4) = 4 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 3, 1) = 3 \cdot 5^6 + 4 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 2) = O(5^{20}) \\ \zeta_5([1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1) = 3 \cdot 5^6 + 3 \cdot 5^7 + 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 3) = 4 \cdot 5^6 + 4 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1) = 3 \cdot 5^6 + 3 \cdot 5^7 + 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2) = 5^6 + 3 \cdot 5^7 + 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \end{aligned}$$

$$\begin{aligned}
& \zeta_5([1, 0, 1, 1, 1, 1]) = \zeta_5(2, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 5) = 3 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 4, 1) = 5^6 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 2) = 4 \cdot 5^6 + 4 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1) = 2 \cdot 5^6 + 3 \cdot 5^7 + 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 3) = 2 \cdot 5^6 + 5^9 + 5^{11} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1) = 4 \cdot 5^6 + 2 \cdot 5^7 + 5^8 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2) = 2 \cdot 5^6 + 3 \cdot 5^7 + 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 0, 1, 1, 1]) = \zeta_5(1, 2, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 4) = 5^6 + 3 \cdot 5^7 + 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1) = 4 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2) = 4 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 1, 0, 1, 1]) = \zeta_5(1, 1, 2, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3) = 3 \cdot 5^6 + 5^7 + 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 0, 1]) = \zeta_5(1, 1, 1, 2, 1) = O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 0]) = \zeta_5(1, 1, 1, 1, 2) = O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 1]) = \zeta_5(1, 1, 1, 1, 1, 1) = O(5^{20})
\end{aligned}$$

### 3.8. weight 7 case.

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(7) = 3 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(6, 1) = 3 \cdot 5^7 + 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(5, 2) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(5, 1, 1) = 4 \cdot 5^7 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(4, 3) = 5^7 + 2 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(4, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(4, 1, 2) = 5^7 + 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1) = 3 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 4) = 5^7 + 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 3, 1) = 4 \cdot 5^7 + 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 2, 2) = 2 \cdot 5^7 + 3 \cdot 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 2, 1, 1) = 5^7 + 2 \cdot 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 3) = 3 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 2, 1) = 4 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 2) = 5^7 + 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 4, 1) = 3 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 2) = 5^8 + 5^9 + 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1) = 4 \cdot 5^7 + 3 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 3) = 2 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2) = 5^7 + 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 4) = 3 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 3, 1) = 3 \cdot 5^7 + 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 2) = 2 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3) = 4 \cdot 5^7 + 3 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1) = 2 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2) = 3 \cdot 5^7 + 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1) = O(5^{20})
\end{aligned}$$

### 3.9. weight 8 case.

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(8) = O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(7, 1) = 2 \cdot 5^7 + 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(6, 2) = 2 \cdot 5^7 + 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(6, 1, 1) = 5^8 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(5, 3) = 2 \cdot 5^7 + 5^8 + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(5, 2, 1) = 4 \cdot 5^8 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(5, 1, 2) = 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(5, 1, 1, 1) = 5^7 + 3 \cdot 5^8 + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(4, 4) = O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(4, 3, 1) = 4 \cdot 5^7 + 5^8 + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(4, 2, 2) = 4 \cdot 5^7 + 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(4, 2, 1, 1) = 5^7 + 2 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(4, 1, 3) = 4 \cdot 5^7 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(4, 1, 2, 1) = 5^7 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(4, 1, 1, 2) = 3 \cdot 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1, 1) = 4 \cdot 5^7 + 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 5) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 4, 1) = 4 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 3, 2) = 4 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 3, 1, 1) = 5^7 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 2, 3) = 4 \cdot 5^7 + 4 \cdot 5^8 + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 2, 2, 1) = 5^7 + 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 2, 1, 2) = 3 \cdot 5^7 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 2, 1, 1, 1) = 4 \cdot 5^7 + 4 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 4) = 5^8 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 3, 1) = 4 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 2, 2) = 4 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 2, 1, 1) = 4 \cdot 5^7 + 3 \cdot 5^8 + 5^9 + 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 3) = 4 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 2, 1) = 4 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 2) = 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1) = 5^7 + 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 6) = 3 \cdot 5^7 + 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 5, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 4, 2) = 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 4, 1, 1) = 2 \cdot 5^7 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 3, 3) = 3 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 3, 2, 1) = 2 \cdot 5^7 + 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 3, 1, 2) = 4 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 3, 1, 1, 1) = 2 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 4) = 5^7 + 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 3, 1) = 3 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 2, 2) = O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 2, 1, 1) = 2 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 3) = 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 2, 1) = 2 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 2) = 4 \cdot 5^7 + 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1) = 5^7 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 5) = 5^7 + 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 4, 1) = 5^8 + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 3, 2) = 5^8 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 3, 1, 1) = 2 \cdot 5^7 + 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{12} + 5^{14} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 2, 1) = 2 \cdot 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 2) = 4 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1) = 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 4) = 5^7 + 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 3, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 2) = 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1) = 5^7 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 3) = 5^8 + 2 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1) = 5^7 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2) = 2 \cdot 5^7 + 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 7) = 3 \cdot 5^7 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 6, 1) = 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 5, 2) = 5^8 + 2 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 5, 1, 1) = 4 \cdot 5^7 + 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 4, 3) = 5^8 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 4, 2, 1) = 4 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 4, 1, 2) = 4 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 4, 1, 1, 1) = 4 \cdot 5^7 + 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 4) = 5^7 + 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 3, 1) = 2 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 2, 2) = 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 2, 1, 1) = 4 \cdot 5^7 + 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 3) = O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 2, 1) = 4 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 2) = 4 \cdot 5^7 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1) = 2 \cdot 5^7 + 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 5) = 5^7 + 4 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 4, 1) = 2 \cdot 5^7 + 5^9 + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 3, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{12} + 5^{14} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 3, 1, 1) = 4 \cdot 5^7 + 5^9 + 3 \cdot 5^{10} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 3) = 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20})
\end{aligned}$$



$$\zeta_5([1, 1, 0, 1, 0, 1, 0, 1]) = \zeta_5(1, 2, 2, 2, 1) = 4 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 0, 1, 1, 0]) = \zeta_5(1, 2, 2, 1, 2) = 4 \cdot 5^7 + 4 \cdot 5^8 + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 0, 1, 1, 1]) = \zeta_5(1, 2, 2, 1, 1, 1) = 2 \cdot 5^7 + 2 \cdot 5^8 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 0, 0, 0]) = \zeta_5(1, 2, 1, 4) = 5^7 + 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 0, 0, 1]) = \zeta_5(1, 2, 1, 3, 1) = 2 \cdot 5^7 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 0, 1, 0]) = \zeta_5(1, 2, 1, 2, 2) = 3 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 0, 1, 1]) = \zeta_5(1, 2, 1, 2, 1, 1) = 2 \cdot 5^7 + 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 1, 0, 0]) = \zeta_5(1, 2, 1, 1, 3) = 5^8 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 1, 0, 1]) = \zeta_5(1, 2, 1, 1, 2, 1) = 2 \cdot 5^7 + 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 1, 1, 0]) = \zeta_5(1, 2, 1, 1, 1, 2) = 2 \cdot 5^7 + 5^8 + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_5(1, 2, 1, 1, 1, 1, 1) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 0, 0, 0]) = \zeta_5(1, 1, 6) = 4 \cdot 5^7 + 5^8 + 5^9 + 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 0, 0, 1]) = \zeta_5(1, 1, 5, 1) = 3 \cdot 5^7 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 0, 1, 0]) = \zeta_5(1, 1, 4, 2) = 5^7 + 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 0, 1, 1]) = \zeta_5(1, 1, 4, 1, 1) = 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 1, 0, 0]) = \zeta_5(1, 1, 3, 3) = 5^7 + 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 1, 0, 1]) = \zeta_5(1, 1, 3, 2, 1) = 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 1, 1, 0]) = \zeta_5(1, 1, 3, 1, 2) = 5^8 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 0, 1, 1, 1]) = \zeta_5(1, 1, 3, 1, 1, 1) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 0, 0, 0]) = \zeta_5(1, 1, 2, 4) = 2 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 0, 0, 1]) = \zeta_5(1, 1, 2, 3, 1) = 3 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 0, 1, 0]) = \zeta_5(1, 1, 2, 2, 2) = 5^7 + 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 0, 1, 1]) = \zeta_5(1, 1, 2, 2, 1, 1) = 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 1, 0, 0]) = \zeta_5(1, 1, 2, 1, 3) = 5^7 + 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 1, 0, 1]) = \zeta_5(1, 1, 2, 1, 2, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 1, 1, 0]) = \zeta_5(1, 1, 2, 1, 1, 2) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_5(1, 1, 2, 1, 1, 1, 1) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0]) = \zeta_5(1, 1, 1, 5) = 2 \cdot 5^7 + 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1]) = \zeta_5(1, 1, 1, 4, 1) = 3 \cdot 5^7 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 1, 0]) = \zeta_5(1, 1, 1, 3, 2) = 5^7 + 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 1, 1]) = \zeta_5(1, 1, 1, 3, 1, 1) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 1, 0, 0]) = \zeta_5(1, 1, 1, 2, 3) = 5^7 + 4 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 1, 0, 1]) = \zeta_5(1, 1, 1, 2, 2, 1) = 5^8 + 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 1, 1, 0]) = \zeta_5(1, 1, 1, 2, 1, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\begin{aligned}
& \zeta_5([1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_5(1, 1, 1, 2, 1, 1, 1) = O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_5(1, 1, 1, 1, 4) = 4 \cdot 5^7 + 5^8 + 5^9 + 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_5(1, 1, 1, 1, 3, 1) = 4 \cdot 5^7 + 2 \cdot 5^8 + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_5(1, 1, 1, 1, 2, 2) = 3 \cdot 5^7 + 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_5(1, 1, 1, 1, 2, 1, 1) = O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_5(1, 1, 1, 1, 1, 3) = 3 \cdot 5^7 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_5(1, 1, 1, 1, 1, 2, 1) = O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_5(1, 1, 1, 1, 1, 1, 2) = O(5^{20}) \\
& \zeta_5([1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_5(1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20})
\end{aligned}$$

### 3.10. weight 9 case.

$$\begin{aligned}
& \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_5(9) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_5(8, 1) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_5(7, 2) = 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_5(7, 1, 1) = 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_5(6, 3) = 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_5(6, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_5(6, 1, 2) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_5(6, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_5(5, 4) = 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_5(5, 3, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_5(5, 2, 2) = 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_5(5, 2, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_5(5, 1, 3) = 4 \cdot 5^8 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_5(5, 1, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{13} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_5(5, 1, 1, 2) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_5(5, 1, 1, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_5(4, 5) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_5(4, 4, 1) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_5(4, 3, 2) = 4 \cdot 5^8 + 3 \cdot 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_5(4, 3, 1, 1) = 4 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_5(4, 2, 3) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_5(4, 2, 2, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
& \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_5(4, 2, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(4, 2, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(4, 1, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(4, 1, 3, 1) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(4, 1, 2, 2) = 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(4, 1, 2, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(4, 1, 1, 3) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(4, 1, 1, 2, 1) = 3 \cdot 5^9 + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(4, 1, 1, 1, 2) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 6) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 5, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 4, 2) = 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 4, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 3, 3) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 3, 2, 1) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 3, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 3, 1, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 2, 4) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 2, 3, 1) = 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 2, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 2, 2, 1, 1) = 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 2, 1, 3) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 2, 1, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 2, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 2, 1, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 5) = 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 4, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 3, 2) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 3, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 2, 3) = 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 2, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 2, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 4) = 3 \cdot 5^8 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 3, 1) = 4 \cdot 5^9 + 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 2, 2) = 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 2, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 3) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 2, 1) = 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 2) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1) = 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 7) = 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 6, 1) = 4 \cdot 5^8 + 5^{10} + 5^{11} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 5, 2) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 5, 1, 1) = 3 \cdot 5^8 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 4, 3) = 5^8 + 4 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 4, 2, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 4, 1, 2) = 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 4, 1, 1, 1) = 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 3, 4) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 3, 3, 1) = 5^8 + 2 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 3, 2, 2) = 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 3, 2, 1, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 3, 1, 3) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 3, 1, 2, 1) = 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 3, 1, 1, 2) = 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 3, 1, 1, 1, 1) = 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 5) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 4, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 3, 2) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 3, 1, 1) = 5^8 + 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 2, 3) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{13} + 5^{14} + 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 2, 2, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 2, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 2, 1, 1, 1) = 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 4) = 5^8 + 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 3, 1) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 2, 2) = 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 2, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 3) = 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 2, 1) = 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 2) = 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 6) = 4 \cdot 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 5, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 4, 2) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 4, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 3, 3) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 3, 2, 1) = 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 3, 1, 2) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 3, 1, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 4) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 3, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 2, 2) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 2, 1, 1) = 5^9 + 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 3) = 3 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 2, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 2) = 4 \cdot 5^8 + 3 \cdot 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 5) = 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 4, 1) = 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 3, 2) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 3, 1, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 3) = 4 \cdot 5^8 + 3 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 2) = 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 4) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 3, 1) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 2) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 3) = 4 \cdot 5^8 + 5^9 + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^9 + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 8) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 7, 1) = 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 6, 2) = 4 \cdot 5^8 + 5^9 + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 6, 1, 1) = 2 \cdot 5^8 + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 5, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 5, 2, 1) = 3 \cdot 5^8 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 5, 1, 2) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 5, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 4, 4) = 5^8 + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 4, 3, 1) = 2 \cdot 5^8 + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 4, 2, 2) = 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 4, 2, 1, 1) = 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 4, 1, 3) = 3 \cdot 5^{10} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 4, 1, 2, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 4, 1, 1, 2) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 4, 1, 1, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 5) = 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 4, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 3, 2) = 3 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 3, 1, 1) = 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 2, 3) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 3, 2, 2, 1) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 2, 1, 2) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 3, 2, 1, 1, 1) = 3 \cdot 5^9 + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 4) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1, 3, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 2, 2) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 3, 1, 2, 1, 1) = 5^8 + 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 3) = 3 \cdot 5^{10} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 2, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 6) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 5, 1) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 4, 2) = 4 \cdot 5^8 + 3 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 4, 1, 1) = 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 3, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 3, 2, 1) = 3 \cdot 5^8 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 3, 1, 2) = 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 3, 1, 1, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 4) = 3 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 3, 1) = 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 2, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{13} + 5^{14} + 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 2, 1, 1) = 4 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 3) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 2, 1) = 3 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 2) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 5) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 4, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 3, 2) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 3, 1, 1) = 5^8 + 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 4) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 3, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 2) = 5^8 + 4 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1) = 3 \cdot 5^8 + 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 7) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 6, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 5, 2) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 5, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 5^{11} + 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 4, 3) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 4, 2, 1) = 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 4, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 4, 1, 1, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 4) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 3, 1) = 4 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 2, 2) = 5^8 + 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 2, 1, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 3) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 2, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 5) = 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 4, 1) = 2 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 3, 2) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 3, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 3) = 3 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 2, 1) = 5^8 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 2) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 4) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 3, 1) = 3 \cdot 5^8 + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 3) = 5^8 + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2) = 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 6) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 5, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 4, 2) = 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 4, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3, 3) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 3, 2, 1) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 3, 1, 2) = 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 3, 1, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 4) = 4 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 3, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 2, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 2, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 3) = 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 5) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 4, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 2) = 4 \cdot 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 3) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 2, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 2) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 4) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 3, 1) = 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20})
 \end{aligned}$$

## 3.11. weight 10 case.

$$\zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_5(10) = O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_5(9, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_5(8, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_5(8, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_5(7, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_5(7, 2, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_5(7, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_5(7, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_5(6, 4) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_5(6, 3, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_5(6, 2, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_5(6, 2, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 5^{17} + 5^{18} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_5(6, 1, 3) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_5(6, 1, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_5(6, 1, 1, 2) = 4 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_5(6, 1, 1, 1, 1) = 2 \cdot 5^9 + 5^{10} + 5^{11} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_5(5, 5) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_5(5, 4, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_5(5, 3, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_5(5, 3, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_5(5, 2, 3) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_5(5, 2, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_5(5, 2, 1, 2) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_5(5, 2, 1, 1, 1) = 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_5(5, 1, 4) = 2 \cdot 5^8 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_5(5, 1, 3, 1) = 4 \cdot 5^8 + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_5(5, 1, 2, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_5(5, 1, 2, 1, 1) = 4 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_5(5, 1, 1, 3) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_5(5, 1, 1, 2, 1) = 3 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_5(5, 1, 1, 1, 2) = 3 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_5(5, 1, 1, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(4, 6) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(4, 5, 1) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(4, 4, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(4, 4, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(4, 3, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(4, 3, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(4, 3, 1, 2) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(4, 3, 1, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(4, 2, 4) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(4, 2, 3, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(4, 2, 2, 2) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(4, 2, 2, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(4, 2, 1, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(4, 2, 1, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(4, 2, 1, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(4, 2, 1, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(4, 1, 5) = 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(4, 1, 4, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(4, 1, 3, 2) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(4, 1, 3, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(4, 1, 2, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(4, 1, 2, 2, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(4, 1, 2, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(4, 1, 2, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(4, 1, 1, 4) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{14} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(4, 1, 1, 3, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(4, 1, 1, 2, 2) = 4 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(4, 1, 1, 2, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(4, 1, 1, 1, 3) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(4, 1, 1, 1, 2, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(4, 1, 1, 1, 1, 2) = 4 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^8 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 7) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 6, 1) = 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 5, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 5, 1, 1) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 4, 3) = 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 4, 2, 1) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 4, 1, 2) = 2 \cdot 5^8 + 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 4, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 3, 4) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 3, 3, 1) = 2 \cdot 5^8 + 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 3, 2, 2) = 2 \cdot 5^8 + 5^9 + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 3, 2, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 3, 1, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 3, 1, 2, 1) = 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 3, 1, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 3, 1, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 2, 5) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 2, 4, 1) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 2, 3, 2) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 2, 3, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 2, 2, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 2, 2, 2, 1) = 4 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 2, 2, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 2, 2, 1, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 2, 1, 4) = 2 \cdot 5^8 + 2 \cdot 5^{10} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 2, 1, 3, 1) = 4 \cdot 5^8 + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 2, 1, 2, 2) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 2, 1, 2, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 2, 1, 1, 3) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 2, 1, 1, 2, 1) = 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 2, 1, 1, 1, 2) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 2, 1, 1, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 6) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 5, 1) = 3 \cdot 5^8 + 5^9 + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 4, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 4, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 3, 3) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 3, 2, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 3, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 3, 1, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 2, 4) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 2, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 2, 2, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 2, 2, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 2, 1, 3) = 5^9 + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 2, 1, 2, 1) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 2, 1, 1, 2) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 5) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 4, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 3, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 3, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 2, 3) = 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 2, 2, 1) = 2 \cdot 5^8 + 2 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 2, 1, 2) = 2 \cdot 5^8 + 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 2, 1, 1, 1) = 2 \cdot 5^8 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 4) = 4 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 3, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 3) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 8) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 7, 1) = 2 \cdot 5^9 + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 6, 2) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 6, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 5, 3) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 5, 2, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 5, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 5, 1, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 4, 4) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 4, 3, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{11} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 4, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 4, 2, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 4, 1, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 4, 1, 2, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 4, 1, 1, 2) = 4 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 4, 1, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 3, 5) = 2 \cdot 5^{10} + 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 3, 4, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 3, 3, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 3, 3, 1, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 3, 2, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 3, 2, 2, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 3, 2, 1, 2) = 4 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 3, 2, 1, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 3, 1, 4) = 2 \cdot 5^8 + 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 3, 1, 3, 1) = 4 \cdot 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 3, 1, 2, 2) = 4 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 3, 1, 2, 1, 1) = 4 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 3, 1, 1, 3) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 3, 1, 1, 2, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 3, 1, 1, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 3, 1, 1, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 2, 6) = 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 5, 1) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 4, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 4, 1, 1) = 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 3, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 3, 2, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 3, 1, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 3, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 2, 4) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 2, 3, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 2, 2, 2) = O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 2, 2, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 2, 1, 3) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 2, 1, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 2, 1, 1, 2) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 2, 1, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 5) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 4, 1) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 3, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 3, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 2, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 2, 2, 1) = 2 \cdot 5^8 + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 2, 1, 2) = 2 \cdot 5^8 + 5^9 + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 2, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 4) = 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 3, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 2, 1, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 3) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 7) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 6, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 5, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 5, 1, 1) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 4, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 4, 2, 1) = 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 4, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 4, 1, 1, 1) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 3, 4) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 3, 3, 1) = 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 3, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 3, 2, 1, 1) = 2 \cdot 5^8 + 5^9 + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 3, 1, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 3, 1, 2, 1) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 3, 1, 1, 2) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 3, 1, 1, 1, 1) = 2 \cdot 5^8 + 5^9 + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 5) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 4, 1) = 5^9 + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
&\quad \zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_5(2, 1, 2, 3, 2) = O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 3, 1, 1) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
&\quad \zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) = \zeta_5(2, 1, 2, 2, 3) = 5^{12} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 2, 2, 1) = 2 \cdot 5^8 + 5^9 + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 2, 1, 2) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 2, 1, 1, 1) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 4) = 3 \cdot 5^9 + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 3, 1) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 2, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 3) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 2, 1) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 6) = 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 5, 1) = 5^8 + 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 4, 2) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{12} + 5^{13} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 4, 1, 1) = 3 \cdot 5^8 + 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 3, 3) = 5^8 + 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 3, 2, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 3, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 3, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 4) = 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 3, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 2, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 2, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 3) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 2, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 5) = 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 4, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 3, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 3, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 3) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 4) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 3, 1) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 9) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 8, 1) = 5^9 + 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 7, 2) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 7, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 6, 3) = 4 \cdot 5^9 + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 6, 2, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 6, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 6, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 5, 4) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 5, 3, 1) = 2 \cdot 5^8 + 2 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 5, 2, 2) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 5, 2, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 5, 1, 3) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 5, 1, 2, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 5, 1, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 5, 1, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 4, 5) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 4, 4, 1) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 4, 3, 2) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 4, 3, 1, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 4, 2, 3) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 4, 2, 2, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 4, 2, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 4, 2, 1, 1, 1) = 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 4, 1, 4) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 4, 1, 3, 1) = 4 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 4, 1, 2, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 4, 1, 2, 1, 1) = 4 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 4, 1, 1, 3) = 4 \cdot 5^8 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 4, 1, 1, 2, 1) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 4, 1, 1, 1, 2) = 4 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 4, 1, 1, 1, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 6) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 5, 1) = 3 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 4, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 4, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 3, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 3, 2, 1) = 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 3, 1, 2) = 5^9 + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 3, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 2, 4) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 2, 3, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 2, 2, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 2, 2, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 2, 1, 3) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 2, 1, 2, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 2, 1, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 2, 1, 1, 1, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 3, 2) = 5^{12} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 3, 1, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 2, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 2, 2, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 2, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 2, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 4) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 3, 1) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 2, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 3) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 2, 1) = 2 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 2) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 6) = 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 5, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 4, 2) = 5^8 + 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 4, 1, 1) = 3 \cdot 5^8 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 3, 3) = 5^8 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 3, 2, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 3, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 3, 1, 1, 1) = 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 4) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 3, 1) = 3 \cdot 5^8 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 2, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 2, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 2, 1) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 5) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 4, 1) = 3 \cdot 5^8 + 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 3, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 3, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 2, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 2) = 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 4) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 3, 1) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 3) = 4 \cdot 5^9 + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 8) = 3 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 7, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 6, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 6, 1, 1) = 4 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 5, 3) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 5, 2, 1) = 4 \cdot 5^{10} + 5^{11} + 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 5, 1, 2) = 4 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 5, 1, 1, 1) = 2 \cdot 5^8 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 4, 4) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 4, 3, 1) = 5^9 + 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 4, 2, 2) = 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 4, 2, 1, 1) = 2 \cdot 5^8 + 5^9 + 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 4, 1, 3) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 4, 1, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 4, 1, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{14} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 4, 1, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 5) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 4, 1) = 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 3, 2) = 3 \cdot 5^9 + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 3, 1, 1) = 2 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 2, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 2, 2, 1) = 2 \cdot 5^8 + 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 3, 2, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^{10} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 3, 2, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 4) = 4 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 3, 1) = 2 \cdot 5^8 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 2, 2) = 2 \cdot 5^8 + 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 2, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 3) = 2 \cdot 5^8 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 2) = 2 \cdot 5^8 + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 6) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 5, 1) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 4, 2) = 5^8 + 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 4, 1, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 3, 3) = 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 3, 2, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 3, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 3, 1, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 4) = 5^8 + 4 \cdot 5^9 + 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 3, 1) = 3 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 2, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 2, 1, 1) = 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 2, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 5) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 4, 1) = 3 \cdot 5^8 + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 3, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 3, 1, 1) = 5^9 + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 4) = 3 \cdot 5^8 + 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 3, 1) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 3) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 1) = 3 \cdot 5^8 + 5^9 + 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 7) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 6, 1) = 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 5, 2) = 5^8 + 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 5, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 4, 3) = 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 4, 2, 1) = 3 \cdot 5^8 + 5^9 + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 4, 1, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 4, 1, 1, 1) = 2 \cdot 5^9 + 5^{10} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 3, 4) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 3, 3, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 3, 2, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 3, 2, 1, 1) = 3 \cdot 5^9 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3, 1, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 3, 1, 2, 1) = 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 3, 1, 1, 2) = 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 3, 1, 1, 1, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 5) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 4, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 3, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 3, 1, 1) = 3 \cdot 5^9 + 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 2, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 2, 2, 1) = 2 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 2, 1, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 2, 1, 1, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 4) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 3, 1) = 2 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 2) = 2 \cdot 5^{10} + 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 3) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 1) = 3 \cdot 5^8 + 2 \cdot 5^9 + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 2) = 3 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 6) = 4 \cdot 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 5, 1) = 5^8 + 3 \cdot 5^9 + 4 \cdot 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 4, 2) = 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 4, 1, 1) = 3 \cdot 5^8 + 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 3) = 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 2, 1) = 3 \cdot 5^8 + 5^9 + 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 2) = 3 \cdot 5^8 + 5^9 + 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 4) = 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 3, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 2, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^8 + 5^9 + 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 5) = 5^8 + 4 \cdot 5^9 + 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 4, 1) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 3, 2) = 3 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 5^8 + 5^9 + 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 3) = 3 \cdot 5^8 + 4 \cdot 5^9 + 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 4) = 3 \cdot 5^8 + 4 \cdot 5^9 + 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 5^8 + 3 \cdot 5^9 + 5^{10} + 3 \cdot 5^{12} + 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 5^8 + 2 \cdot 5^9 + 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 2, 1) = O(5^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^8 + 2 \cdot 5^9 + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 1) = O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 2) = O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \end{aligned}$$

**3.12. weight 11 case.**

$$\begin{aligned} \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(11) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(10, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(9, 2) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(9, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(8, 3) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(8, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(8, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(8, 1, 1, 1) = 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(7, 4) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(7, 3, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(7, 2, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(7, 2, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(7, 1, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(7, 1, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(7, 1, 1, 2) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(7, 1, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(6, 5) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(6, 4, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(6, 3, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(6, 3, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(6, 2, 3) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(6, 2, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(6, 2, 1, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(6, 2, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(6, 1, 4) = 5^{10} + 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(6, 1, 3, 1) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(6, 1, 2, 2) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(6, 1, 2, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(6, 1, 1, 3) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(6, 1, 1, 2, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(6, 1, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(6, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(5, 6) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(5, 5, 1) = 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(5, 4, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(5, 4, 1, 1) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(5, 3, 3) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(5, 3, 2, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(5, 3, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(5, 3, 1, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(5, 2, 4) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(5, 2, 3, 1) = 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(5, 2, 2, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(5, 2, 2, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(5, 2, 1, 3) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(5, 2, 1, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(5, 2, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(5, 2, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(5, 1, 5) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(5, 1, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(5, 1, 3, 2) = 4 \cdot 5^{10} + 5^{12} + 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(5, 1, 3, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(5, 1, 2, 3) = 4 \cdot 5^{10} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(5, 1, 2, 2, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(5, 1, 2, 1, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(5, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(5, 1, 1, 4) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(5, 1, 1, 3, 1) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(5, 1, 1, 2, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(5, 1, 1, 2, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(5, 1, 1, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(5, 1, 1, 1, 2, 1) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(5, 1, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(5, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(4, 7) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(4, 6, 1) = 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(4, 5, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(4, 5, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(4, 4, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(4, 4, 2, 1) = 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(4, 4, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(4, 4, 1, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(4, 3, 4) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(4, 3, 3, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(4, 3, 2, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(4, 3, 2, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(4, 3, 1, 3) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(4, 3, 1, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(4, 3, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(4, 3, 1, 1, 1, 1) = 5^{10} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(4, 2, 5) = 2 \cdot 5^{11} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(4, 2, 4, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(4, 2, 3, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(4, 2, 3, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(4, 2, 2, 3) = 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(4, 2, 2, 2, 1) = 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(4, 2, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(4, 2, 2, 1, 1, 1) = 5^{10} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(4, 2, 1, 4) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(4, 2, 1, 3, 1) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(4, 2, 1, 2, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(4, 2, 1, 2, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(4, 2, 1, 1, 3) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(4, 2, 1, 1, 2, 1) = 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(4, 2, 1, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(4, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{12} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(4, 1, 6) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(4, 1, 5, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(4, 1, 4, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(4, 1, 4, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(4, 1, 3, 3) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(4, 1, 3, 2, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(4, 1, 3, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(4, 1, 3, 1, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(4, 1, 2, 4) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(4, 1, 2, 3, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(4, 1, 2, 2, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(4, 1, 2, 2, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(4, 1, 2, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(4, 1, 2, 1, 2, 1) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(4, 1, 2, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(4, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(4, 1, 1, 5) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(4, 1, 1, 4, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(4, 1, 1, 3, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(4, 1, 1, 3, 1, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(4, 1, 1, 2, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(4, 1, 1, 2, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(4, 1, 1, 2, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(4, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(4, 1, 1, 1, 4) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(4, 1, 1, 1, 3, 1) = 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(4, 1, 1, 1, 2, 2) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(4, 1, 1, 1, 2, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(4, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(4, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(4, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 8) = 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 7, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(3, 6, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(3, 6, 1, 1) = 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 5, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 5, 2, 1) = 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 5, 1, 2) = 5^{10} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 5, 1, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 4, 4) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 4, 3, 1) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 4, 2, 2) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 4, 2, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 4, 1, 3) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 4, 1, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 4, 1, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 4, 1, 1, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 3, 5) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 3, 4, 1) = 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 3, 3, 2) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 3, 3, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 3, 2, 3) = 5^{10} + 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 3, 2, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 3, 2, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 3, 2, 1, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 3, 1, 4) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 3, 1, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 3, 1, 2, 2) = 5^{10} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 3, 1, 2, 1, 1) = 4 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 3, 1, 1, 3) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 3, 1, 1, 2, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 3, 1, 1, 1, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 3, 1, 1, 1, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 2, 6) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 2, 5, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 2, 4, 2) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 2, 4, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 2, 3, 3) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 2, 3, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 2, 3, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 2, 3, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 2, 2, 4) = 5^{10} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 2, 2, 3, 1) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 2, 2, 2, 2) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 2, 2, 2, 1, 1) = 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 2, 2, 1, 3) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 2, 2, 1, 2, 1) = 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 2, 2, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 2, 2, 1, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 2, 1, 5) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 2, 1, 4, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 2, 1, 3, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 2, 1, 3, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 2, 1, 2, 3) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 2, 1, 2, 2, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 2, 1, 2, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 2, 1, 2, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 2, 1, 1, 4) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 2, 1, 1, 3, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 2, 1, 1, 2, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 2, 1, 1, 2, 1, 1) = 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 2, 1, 1, 1, 3) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 2, 1, 1, 1, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 2, 1, 1, 1, 1, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 2, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 7) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 6, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 5, 2) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 5, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 4, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 4, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 4, 1, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 4, 1, 1, 1) = 2 \cdot 5^{10} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 3, 4) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 3, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 3, 2, 2) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 3, 2, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 3, 1, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 3, 1, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 3, 1, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 3, 1, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 2, 5) = 4 \cdot 5^{10} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 2, 4, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 2, 3, 2) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 2, 3, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 2, 2, 3) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 2, 2, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 2, 2, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 2, 2, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 2, 1, 4) = 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 2, 1, 3, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 2, 1, 2, 2) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 2, 1, 2, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 2, 1, 1, 3) = 2 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 2, 1, 1, 2, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 2, 1, 1, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 6) = 3 \cdot 5^{10} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 5, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 4, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 4, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 3, 3) = 3 \cdot 5^{10} + 5^{12} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 3, 2, 1) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 3, 1, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 3, 1, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 2, 4) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 2, 3, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 2, 2, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 2, 2, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 2, 1, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 2, 1, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 2, 1, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 5) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 4, 1) = 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 3, 2) = 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 3, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 2, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 2, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 2, 1, 2) = 5^{10} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 2, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 4) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 3, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 2, 2) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 3) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 9) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 8, 1) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 7, 2) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 7, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 6, 3) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 6, 2, 1) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 6, 1, 2) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 6, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 5, 4) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 5, 3, 1) = 2 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 5, 2, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 5, 2, 1, 1) = 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 5, 1, 3) = 2 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 5, 1, 2, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 5, 1, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 5, 1, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 4, 5) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 4, 4, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 4, 3, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 4, 3, 1, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 4, 2, 3) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 4, 2, 2, 1) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 4, 2, 1, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 4, 2, 1, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 4, 1, 4) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 4, 1, 3, 1) = 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 4, 1, 2, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 4, 1, 2, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 4, 1, 1, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 4, 1, 1, 2, 1) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 4, 1, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 4, 1, 1, 1, 1, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 3, 6) = 4 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 3, 5, 1) = 5^{11} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 3, 4, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 3, 4, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 3, 3, 3) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 3, 3, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 3, 3, 1, 2) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 3, 3, 1, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 3, 2, 4) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 3, 2, 3, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 3, 2, 2, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 3, 2, 2, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 3, 2, 1, 3) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 3, 2, 1, 2, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 3, 2, 1, 1, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 3, 2, 1, 1, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 3, 1, 5) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 3, 1, 4, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 3, 1, 3, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 3, 1, 3, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 3, 1, 2, 3) = 5^{10} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 3, 1, 2, 2, 1) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 3, 1, 2, 1, 2) = 5^{10} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 3, 1, 2, 1, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 3, 1, 1, 4) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 3, 1, 1, 3, 1) = 5^{10} + 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 3, 1, 1, 2, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 3, 1, 1, 2, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 3, 1, 1, 1, 3) = 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 3, 1, 1, 1, 2, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 3, 1, 1, 1, 1, 2) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 2, 7) = 4 \cdot 5^{10} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 6, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 5, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 5, 1, 1) = 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 4, 3) = 4 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 4, 2, 1) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 4, 1, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 4, 1, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 3, 4) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 3, 3, 1) = 5^{10} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 3, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 3, 2, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 3, 1, 3) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 3, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 3, 1, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 3, 1, 1, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 2, 5) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 2, 4, 1) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 2, 3, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 2, 3, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 2, 2, 3) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 2, 2, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 2, 2, 1, 2) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 2, 2, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 2, 1, 4) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 2, 1, 3, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 2, 1, 2, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 2, 1, 2, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 2, 1, 1, 3) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 2, 1, 1, 2, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 2, 1, 1, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 2, 1, 1, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 6) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 5, 1) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 4, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 4, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 3, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 3, 1, 2) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 3, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 2, 4) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 2, 3, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 2, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 2, 2, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 2, 1, 3) = 2 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 2, 1, 2, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 2, 1, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 2, 1, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 5) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 4, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 3, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 3, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 2, 3) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 2, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 2, 1, 2) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 4) = 3 \cdot 5^{10} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 3, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 2, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 8) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 7, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 6, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 6, 1, 1) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 5, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 5, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 5, 1, 2) = 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 5, 1, 1, 1) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 4, 4) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 4, 3, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 4, 2, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 4, 2, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 4, 1, 3) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 4, 1, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 4, 1, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 4, 1, 1, 1, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 3, 5) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 3, 4, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 3, 3, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 3, 3, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 3, 2, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 3, 2, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 3, 2, 1, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 3, 2, 1, 1, 1) = 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 3, 1, 4) = 4 \cdot 5^{11} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 3, 1, 3, 1) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 3, 1, 2, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 3, 1, 2, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 3, 1, 1, 3) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 3, 1, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 3, 1, 1, 1, 2) = 4 \cdot 5^{10} + 5^{12} + 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 6) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 5, 1) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 2, 4, 2) = 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 4, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 3, 3) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 3, 2, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 3, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 3, 1, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 2, 4) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 2, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 2, 2, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 2, 2, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 2, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 2, 1, 2, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 2, 1, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 2, 1, 1, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 5) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 4, 1) = 4 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 3, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 3, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 2, 3) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 2, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 2, 1, 2) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 4) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 3, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 2, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 1, 1) = 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 7) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 6, 1) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 5, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 5, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 4, 3) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 4, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 4, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 4, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 3, 4) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 3, 3, 1) = 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 3, 2, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 3, 2, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 3, 1, 3) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 3, 1, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 3, 1, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 3, 1, 1, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 5) = 5^{10} + 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 4, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 3, 2) = 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 3, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 2, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 2, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 2, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 2, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 4) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 3, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 2) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 6) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 5, 1) = 2 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 4, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 4, 1, 1) = 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 3, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 3, 2, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 3, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 3, 1, 1, 1) = 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 4) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 3, 1) = 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 2, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 3) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 5) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 4, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 3, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 3, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 2) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 10) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 9, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 8, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 8, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 7, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 7, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 7, 1, 2) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 7, 1, 1, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 6, 4) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 6, 3, 1) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 6, 2, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 6, 2, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 6, 1, 3) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 6, 1, 2, 1) = 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 6, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 6, 1, 1, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 5, 5) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 5, 4, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 5, 3, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 5, 3, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 5, 2, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 5, 2, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 5, 2, 1, 2) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 5, 2, 1, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 5, 1, 4) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 5, 1, 3, 1) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 5, 1, 2, 2) = 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 5, 1, 2, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 5, 1, 1, 3) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 5, 1, 1, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 5, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 5, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 4, 6) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 4, 5, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 4, 4, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 4, 4, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 4, 3, 3) = 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 4, 3, 2, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 4, 3, 1, 2) = 2 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 4, 3, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 4, 2, 4) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 4, 2, 3, 1) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 4, 2, 2, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 4, 2, 2, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 4, 2, 1, 3) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 4, 2, 1, 2, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 4, 2, 1, 1, 2) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 4, 2, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 4, 1, 5) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 4, 1, 4, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 4, 1, 3, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 4, 1, 3, 1, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 4, 1, 2, 3) = 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 4, 1, 2, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 4, 1, 2, 1, 2) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 4, 1, 2, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 4, 1, 1, 4) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 4, 1, 1, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 4, 1, 1, 2, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 4, 1, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 4, 1, 1, 1, 3) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 4, 1, 1, 1, 2, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 4, 1, 1, 1, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 4, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 7) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 6, 1) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 5, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 5, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 4, 3) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 4, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 4, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 4, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 3, 4) = 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 3, 3, 1) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 3, 2, 2) = 2 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 3, 2, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 3, 1, 3) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 3, 1, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 3, 1, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 3, 1, 1, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 2, 5) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 2, 4, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 2, 3, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 2, 3, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 2, 2, 3) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 3, 2, 2, 2, 1) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 2, 2, 1, 2) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 3, 2, 2, 1, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 2, 1, 4) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 2, 1, 3, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 2, 1, 2, 2) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 3, 2, 1, 2, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 3, 2, 1, 1, 3) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 3, 2, 1, 1, 2, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 2, 1, 1, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 2, 1, 1, 1, 1) = 3 \cdot 5^{10} + 5^{11} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 6) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 1, 5, 1) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 4, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 4, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 1, 3, 3) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 1, 3, 2, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 1, 3, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 1, 3, 1, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 2, 4) = 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1, 2, 3, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 2, 2, 2) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 1, 2, 2, 1, 1) = 5^{10} + 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 2, 1, 3) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 2, 1, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 2, 1, 1, 2) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 1, 5) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 1, 1, 4, 1) = 5^{11} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 1, 3, 2) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1, 3, 1, 1) = 5^{10} + 5^{11} + 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 2, 3) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 2, 2, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 2, 1, 2) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 1, 1, 4) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1, 1, 1, 3, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 2, 2) = 2 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 1, 1, 3) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 2, 1) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 8) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 7, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 6, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 6, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 5, 3) = 4 \cdot 5^{10} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 5, 2, 1) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 5, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 5, 1, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 4, 4) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 4, 3, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 4, 2, 2) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 4, 2, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 4, 1, 3) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 4, 1, 2, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 4, 1, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 4, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 3, 5) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 3, 4, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 3, 3, 2) = 4 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 3, 3, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 3, 2, 3) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 3, 2, 2, 1) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 3, 2, 1, 2) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 3, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 3, 1, 4) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 3, 1, 3, 1) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 3, 1, 2, 2) = 5^{10} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 3, 1, 2, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 3, 1, 1, 3) = 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 3, 1, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 3, 1, 1, 1, 2) = 4 \cdot 5^{10} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 3, 1, 1, 1, 1, 1) = 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 2, 6) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 2, 5, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 4, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 4, 1, 1) = 5^{10} + 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 3, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 3, 1, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 3, 1, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 2, 4) = 4 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 2, 3, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 2, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 2, 2, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 2, 1, 3) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 2, 1, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 2, 1, 1, 2) = 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 2, 1, 1, 1) = 5^{10} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 5) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 4, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 3, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 3, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 2, 3) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 2, 2, 1) = 2 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 2, 1, 2) = 5^{10} + 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 2, 1, 1) = 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 4) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 3, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 2, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 2, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 2, 1) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 7) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 6, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 5, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 5, 1, 1) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 4, 3) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 4, 2, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 4, 1, 2) = 3 \cdot 5^{10} + 5^{12} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 4, 1, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 3, 4) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 3, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 3, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 3, 2, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 3, 1, 3) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 3, 1, 2, 1) = 2 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 3, 1, 1, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 3, 1, 1, 1, 1) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 5) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 4, 1) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 3, 2) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 3, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 2, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 2, 2, 1) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 2, 1, 2) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 2, 1, 1, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 4) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 3, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 2, 2) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 2, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 3) = 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 6) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 5, 1) = 5^{11} + 3 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 4, 2) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 4, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 3, 3) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 3, 2, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{12} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 3, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 3, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{15} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 4) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 3, 1) = 3 \cdot 5^{10} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 2, 2) = 4 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 3) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 5) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 4, 1) = 3 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 3, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 3, 1, 1) = 5^{11} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 3) = 4 \cdot 5^{10} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 2, 1) = 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 4) = 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 2) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 9) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 8, 1) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 7, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 7, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 6, 3) = 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 6, 2, 1) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 6, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 6, 1, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 5, 4) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 5, 3, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 5, 2, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 5, 2, 1, 1) = 5^{10} + 5^{11} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 5, 1, 3) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 5, 1, 2, 1) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 5, 1, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 5, 1, 1, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 4, 5) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 4, 4, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 4, 3, 2) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 4, 3, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 4, 2, 3) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 4, 2, 2, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 4, 2, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 4, 2, 1, 1, 1) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 4, 1, 4) = 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 4, 1, 3, 1) = 3 \cdot 5^{10} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 4, 1, 2, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 4, 1, 2, 1, 1) = 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 4, 1, 1, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 4, 1, 1, 2, 1) = 5^{10} + 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 4, 1, 1, 1, 2) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 4, 1, 1, 1, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 6) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 5, 1) = 2 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 4, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 4, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 3, 3) = 4 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 3, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 3, 3, 1, 2) = 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 3, 3, 1, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 2, 4) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 2, 3, 1) = 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 2, 2, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 2, 2, 1, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 2, 1, 3) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 2, 1, 2, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 2, 1, 1, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 2, 1, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 5) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 4, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 3, 2) = 4 \cdot 5^{11} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 3, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 2, 3) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 2, 2, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 2, 1, 2) = 2 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 2, 1, 1, 1) = 5^{10} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 4) = 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 3, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 2, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 2, 1, 1) = 5^{10} + 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 3) = 4 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 2, 1) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 2) = 5^{10} + 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 7) = 2 \cdot 5^{10} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 6, 1) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 5, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 5, 1, 1) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 4, 3) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 4, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 4, 1, 2) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 4, 1, 1, 1) = 4 \cdot 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 3, 4) = 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 3, 3, 1) = 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 3, 2, 2) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 3, 2, 1, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 3, 1, 3) = 3 \cdot 5^{10} + 5^{12} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 3, 1, 2, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 3, 1, 1, 2) = 4 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 3, 1, 1, 1, 1) = 5^{10} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 5) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 4, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 3, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 3, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 2, 3) = 4 \cdot 5^{10} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 2, 2, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 2, 1, 2) = 5^{10} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 2, 1, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 4) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 3, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 2, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 2, 1) = 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 2) = 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 6) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 5, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 4, 2) = 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 4, 1, 1) = 4 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 3, 3) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 3, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 3, 1, 2) = 4 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 3, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 4) = 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 3, 1) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 2, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 2, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 3) = 3 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 5) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 4, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 3, 2) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 3, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 4) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 3) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 8) = 2 \cdot 5^{10} + 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 7, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 6, 2) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 6, 1, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 5, 3) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 5, 2, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 5, 1, 2) = 5^{10} + 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 5, 1, 1, 1) = 5^{10} + 2 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 4, 4) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 4, 3, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 4, 2, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 4, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 4, 1, 3) = 3 \cdot 5^{10} + 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 4, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 4, 1, 1, 2) = 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 4, 1, 1, 1) = 2 \cdot 5^{10} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})
 \end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 3, 2) = 3 \cdot 5^{10} + 3 \cdot 5^{11} + 5^{13} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 3, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 3) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 4) = 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 2) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 1, 1) = 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 2, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 7) = 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 6, 1) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 5, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 5, 1, 1) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 4, 3) = 2 \cdot 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 4, 2, 1) = 2 \cdot 5^{10} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 4, 1, 2) = 3 \cdot 5^{10} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 4, 1, 1, 1) = 5^{10} + 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 4) = 2 \cdot 5^{10} + 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 3, 1) = 5^{10} + 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 2, 2) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 2, 1, 1) = 3 \cdot 5^{10} + 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 3) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 2, 1) = 3 \cdot 5^{10} + 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 2) = 5^{10} + 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 5) = 5^{10} + 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 4, 1) = 4 \cdot 5^{10} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 3, 2) = 2 \cdot 5^{10} + 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 3, 1, 1) = 2 \cdot 5^{10} + 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})
 \end{aligned}$$



$$\begin{aligned} \zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 2) = 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 4) = 3 \cdot 5^{10} + 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 2) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 3) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \end{aligned}$$

**3.13. weight 12 case.**

$$\begin{aligned} \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(12) = 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(11, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(10, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(10, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(9, 3) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(9, 2, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(9, 1, 2) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(9, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(8, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(8, 3, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(8, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(8, 2, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(8, 1, 3) = 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(8, 1, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(8, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(8, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(7, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(7, 4, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(7, 3, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(7, 3, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(7, 2, 3) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\ \zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(7, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(7, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(7, 2, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(7, 1, 4) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(7, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(7, 1, 2, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(7, 1, 2, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(7, 1, 1, 3) = 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(7, 1, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(7, 1, 1, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(7, 1, 1, 1, 1, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(6, 6) = 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(6, 5, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(6, 4, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(6, 4, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(6, 3, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(6, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(6, 3, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(6, 3, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(6, 2, 4) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(6, 2, 3, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(6, 2, 2, 2) = 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(6, 2, 2, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(6, 2, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(6, 2, 1, 2, 1) = 5^{11} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(6, 2, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(6, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(6, 1, 5) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(6, 1, 4, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(6, 1, 3, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(6, 1, 3, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(6, 1, 2, 3) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(6, 1, 2, 2, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(6, 1, 2, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(6, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(6, 1, 1, 4) = 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(6, 1, 1, 3, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(6, 1, 1, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(6, 1, 1, 2, 1, 1) = 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(6, 1, 1, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(6, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(6, 1, 1, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(6, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(5, 7) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(5, 6, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(5, 5, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(5, 5, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(5, 4, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(5, 4, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(5, 4, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(5, 4, 1, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(5, 3, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(5, 3, 3, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(5, 3, 2, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(5, 3, 2, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(5, 3, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(5, 3, 1, 2, 1) = 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(5, 3, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(5, 3, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(5, 2, 5) = 3 \cdot 5^{11} + 5^{14} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(5, 2, 4, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(5, 2, 3, 2) = 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(5, 2, 3, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(5, 2, 2, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(5, 2, 2, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(5, 2, 2, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(5, 2, 2, 1, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(5, 2, 1, 4) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(5, 2, 1, 3, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(5, 2, 1, 2, 2) = 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(5, 2, 1, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(5, 2, 1, 1, 3) = 2 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(5, 2, 1, 1, 2, 1) = 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(5, 2, 1, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(5, 2, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(5, 1, 6) = 2 \cdot 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(5, 1, 5, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(5, 1, 4, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(5, 1, 4, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(5, 1, 3, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(5, 1, 3, 2, 1) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(5, 1, 3, 1, 2) = 4 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(5, 1, 3, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(5, 1, 2, 4) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(5, 1, 2, 3, 1) = 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(5, 1, 2, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(5, 1, 2, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(5, 1, 2, 1, 3) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(5, 1, 2, 1, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(5, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(5, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(5, 1, 1, 5) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(5, 1, 1, 4, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(5, 1, 1, 3, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(5, 1, 1, 3, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(5, 1, 1, 2, 3) = 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(5, 1, 1, 2, 2, 1) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(5, 1, 1, 2, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(5, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(5, 1, 1, 1, 4) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(5, 1, 1, 1, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(5, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(5, 1, 1, 1, 2, 1, 1) = 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(5, 1, 1, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(5, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(5, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(5, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(4, 8) = 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(4, 7, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(4, 6, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(4, 6, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(4, 5, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(4, 5, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(4, 5, 1, 2) = 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(4, 5, 1, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(4, 4, 4) = O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(4, 4, 3, 1) = 5^{11} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(4, 4, 2, 2) = 5^{12} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(4, 4, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(4, 4, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(4, 4, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(4, 4, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(4, 4, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(4, 3, 5) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(4, 3, 4, 1) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(4, 3, 3, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(4, 3, 3, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(4, 3, 2, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(4, 3, 2, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(4, 3, 2, 1, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(4, 3, 2, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(4, 3, 1, 4) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(4, 3, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(4, 3, 1, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(4, 3, 1, 2, 1, 1) = 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(4, 3, 1, 1, 3) = 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(4, 3, 1, 1, 2, 1) = 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(4, 3, 1, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(4, 3, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(4, 2, 6) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(4, 2, 5, 1) = 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(4, 2, 4, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(4, 2, 4, 1, 1) = 5^{11} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(4, 2, 3, 3) = 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(4, 2, 3, 2, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(4, 2, 3, 1, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(4, 2, 3, 1, 1, 1) = 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(4, 2, 2, 4) = 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(4, 2, 2, 3, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(4, 2, 2, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(4, 2, 2, 2, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(4, 2, 2, 1, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(4, 2, 2, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(4, 2, 2, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(4, 2, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(4, 2, 1, 5) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(4, 2, 1, 4, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(4, 2, 1, 3, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(4, 2, 1, 3, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(4, 2, 1, 2, 3) = 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(4, 2, 1, 2, 2, 1) = 5^{11} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(4, 2, 1, 2, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(4, 2, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(4, 2, 1, 1, 4) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(4, 2, 1, 1, 3, 1) = 5^{11} + 5^{12} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(4, 2, 1, 1, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(4, 2, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(4, 2, 1, 1, 1, 3) = 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(4, 2, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(4, 2, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(4, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(4, 1, 7) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(4, 1, 6, 1) = 3 \cdot 5^{11} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(4, 1, 5, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(4, 1, 5, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(4, 1, 4, 3) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(4, 1, 4, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(4, 1, 4, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(4, 1, 4, 1, 1, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(4, 1, 3, 4) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(4, 1, 3, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(4, 1, 3, 2, 2) = 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(4, 1, 3, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(4, 1, 3, 1, 3) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(4, 1, 3, 1, 2, 1) = 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(4, 1, 3, 1, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(4, 1, 3, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(4, 1, 2, 5) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(4, 1, 2, 4, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(4, 1, 2, 3, 2) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(4, 1, 2, 3, 1, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(4, 1, 2, 2, 3) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(4, 1, 2, 2, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(4, 1, 2, 2, 1, 2) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(4, 1, 2, 2, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(4, 1, 2, 1, 4) = 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(4, 1, 2, 1, 3, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(4, 1, 2, 1, 2, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(4, 1, 2, 1, 2, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(4, 1, 2, 1, 1, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(4, 1, 2, 1, 1, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(4, 1, 2, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(4, 1, 2, 1, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(4, 1, 1, 6) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(4, 1, 1, 5, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(4, 1, 1, 4, 2) = 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(4, 1, 1, 4, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(4, 1, 1, 3, 3) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(4, 1, 1, 3, 2, 1) = 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(4, 1, 1, 3, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(4, 1, 1, 3, 1, 1, 1) = 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(4, 1, 1, 2, 4) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(4, 1, 1, 2, 3, 1) = 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(4, 1, 1, 2, 2, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(4, 1, 1, 2, 2, 1, 1) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(4, 1, 1, 2, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(4, 1, 1, 2, 1, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(4, 1, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(4, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(4, 1, 1, 1, 5) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(4, 1, 1, 1, 4, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 5^{15} + 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(4, 1, 1, 1, 3, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(4, 1, 1, 1, 3, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(4, 1, 1, 1, 2, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(4, 1, 1, 1, 2, 2, 1) = 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(4, 1, 1, 1, 2, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(4, 1, 1, 1, 1, 4) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(4, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(4, 1, 1, 1, 1, 2, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(4, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(4, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(4, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(4, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(4, 1, 1, 1, 1, 1, 1, 1, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 9) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 8, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(3, 7, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(3, 7, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 6, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 6, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 6, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 6, 1, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 5, 4) = 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 5, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 5, 2, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 5, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 5, 1, 3) = 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 5, 1, 2, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 5, 1, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 5, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 4, 5) = 4 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 4, 4, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 4, 3, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 4, 3, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 4, 2, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 4, 2, 2, 1) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 4, 2, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 4, 2, 1, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 4, 1, 4) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 4, 1, 3, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 4, 1, 2, 2) = 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 4, 1, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 4, 1, 1, 3) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 4, 1, 1, 2, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 4, 1, 1, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 4, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 3, 6) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 3, 5, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 3, 4, 2) = 3 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 3, 4, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 3, 3, 3) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 3, 3, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 3, 3, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 3, 3, 1, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 3, 2, 4) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 3, 2, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 3, 2, 2, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 3, 2, 2, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 3, 2, 1, 3) = 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 3, 2, 1, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 3, 2, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 3, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 3, 1, 5) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 3, 1, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 3, 1, 3, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 3, 1, 3, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 3, 1, 2, 3) = 3 \cdot 5^{14} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 3, 1, 2, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 3, 1, 2, 1, 2) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 3, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 3, 1, 1, 4) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 3, 1, 1, 3, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 3, 1, 1, 2, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 3, 1, 1, 2, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 3, 1, 1, 1, 3) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 3, 1, 1, 1, 2, 1) = 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 3, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 3, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 2, 7) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 2, 6, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(3, 2, 5, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(3, 2, 5, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 2, 4, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 2, 4, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 2, 4, 1, 2) = 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 2, 4, 1, 1, 1) = 5^{11} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 2, 3, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 2, 3, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 2, 3, 2, 2) = 5^{11} + 5^{12} + 5^{13} + 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 2, 3, 2, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 2, 3, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 2, 3, 1, 2, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 2, 3, 1, 1, 2) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 2, 3, 1, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 2, 2, 5) = 5^{12} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 2, 2, 4, 1) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 2, 2, 3, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 2, 2, 3, 1, 1) = 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 2, 2, 2, 3) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 2, 2, 2, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 2, 2, 2, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 2, 2, 2, 1, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 2, 2, 1, 4) = 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 2, 2, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 2, 2, 1, 2, 2) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 2, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 2, 2, 1, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 2, 2, 1, 1, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 2, 2, 1, 1, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 2, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 2, 1, 6) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 2, 1, 5, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 2, 1, 4, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 2, 1, 4, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 2, 1, 3, 3) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 2, 1, 3, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 2, 1, 3, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 2, 1, 3, 1, 1, 1) = 5^{12} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 2, 1, 2, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 2, 1, 2, 3, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 2, 1, 2, 2, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 2, 1, 2, 2, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 2, 1, 2, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 2, 1, 2, 1, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 2, 1, 2, 1, 1, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 2, 1, 1, 5) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 2, 1, 1, 4, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 2, 1, 1, 3, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 2, 1, 1, 3, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 2, 1, 1, 2, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 2, 1, 1, 2, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 2, 1, 1, 2, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 2, 1, 1, 1, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 2, 1, 1, 1, 3, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 2, 1, 1, 1, 2, 2) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 2, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 2, 1, 1, 1, 1, 3) = 2 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 2, 1, 1, 1, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 8) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 7, 1) = 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 6, 2) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 6, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 5, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 5, 2, 1) = 2 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 5, 1, 2) = 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 5, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 4, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 4, 3, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 4, 2, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 4, 2, 1, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 4, 1, 3) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 4, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 4, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 4, 1, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 3, 5) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 3, 4, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 3, 3, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 3, 3, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 3, 2, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 3, 2, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 3, 2, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 3, 2, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 3, 1, 4) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 3, 1, 3, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 3, 1, 2, 2) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 3, 1, 2, 1, 1) = 3 \cdot 5^{11} + 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 3, 1, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 3, 1, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 3, 1, 1, 1, 2) = 4 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 3, 1, 1, 1, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 2, 6) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 2, 5, 1) = 5^{11} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 2, 4, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 2, 4, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 2, 3, 3) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 2, 3, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 2, 3, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 2, 3, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 2, 2, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 2, 2, 3, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 2, 2, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 2, 2, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 2, 2, 1, 3) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 2, 2, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 2, 2, 1, 1, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 2, 2, 1, 1, 1, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 2, 1, 5) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 2, 1, 4, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 2, 1, 3, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 2, 1, 3, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 2, 1, 2, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 2, 1, 2, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 2, 1, 2, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 2, 1, 2, 1, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 2, 1, 1, 4) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 2, 1, 1, 3, 1) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 2, 1, 1, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 2, 1, 1, 2, 1, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 2, 1, 1, 1, 3) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 2, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 7) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 6, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 5, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 5, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 4, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 4, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 4, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 4, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 3, 4) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 3, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 3, 2, 2) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 3, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 3, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 3, 1, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 3, 1, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 3, 1, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 2, 5) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 2, 4, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 2, 3, 2) = 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 2, 3, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 2, 2, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 2, 2, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 2, 2, 1, 2) = 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 2, 2, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 2, 1, 4) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 2, 1, 3, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 2, 1, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 2, 1, 2, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 2, 1, 1, 3) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 2, 1, 1, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 2, 1, 1, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 6) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 5, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 4, 2) = 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 4, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 3, 3) = 4 \cdot 5^{12} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 3, 1, 2) = 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 3, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 2, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 2, 3, 1) = 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 2, 2, 2) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 2, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 2, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 5) = 3 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 4, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 3, 2) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 3, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 2, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 2, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 4) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 2, 2) = 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 10) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 9, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 8, 2) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 8, 1, 1) = 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 7, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 7, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 7, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 7, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 6, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 6, 3, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 6, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 6, 2, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 6, 1, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 6, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 6, 1, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 6, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 5, 5) = 3 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 5, 4, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 5, 3, 2) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 5, 3, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 5, 2, 3) = 5^{11} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 5, 2, 2, 1) = 3 \cdot 5^{12} + 5^{13} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 5, 2, 1, 2) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 5, 2, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 5, 1, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 5, 1, 3, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 5, 1, 2, 2) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 5, 1, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 5, 1, 1, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 5, 1, 1, 2, 1) = 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 5, 1, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 5, 1, 1, 1, 1, 1) = 5^{11} + 5^{12} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 4, 6) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 4, 5, 1) = 5^{13} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 4, 4, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 4, 4, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 4, 3, 3) = 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 4, 3, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 4, 3, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 4, 3, 1, 1, 1) = 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 4, 2, 4) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 4, 2, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 4, 2, 2, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 4, 2, 2, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 4, 2, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 4, 2, 1, 2, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 4, 2, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 4, 2, 1, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 4, 1, 5) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 4, 1, 4, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 4, 1, 3, 2) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 4, 1, 3, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 4, 1, 2, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 4, 1, 2, 2, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 4, 1, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 4, 1, 2, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 4, 1, 1, 4) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 4, 1, 1, 3, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 4, 1, 1, 2, 2) = 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 4, 1, 1, 2, 1, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 4, 1, 1, 1, 3) = 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 4, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 4, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 4, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 3, 7) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 3, 6, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 3, 5, 2) = 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 3, 5, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 3, 4, 3) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 3, 4, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 3, 4, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 3, 4, 1, 1, 1) = 2 \cdot 5^{11} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 3, 3, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 3, 3, 3, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 3, 3, 2, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 3, 3, 2, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 3, 3, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 3, 3, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 3, 3, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 3, 3, 1, 1, 1, 1) = 5^{13} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 3, 2, 5) = 3 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 3, 2, 4, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 3, 2, 3, 2) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 3, 2, 3, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 3, 2, 2, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 3, 2, 2, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 3, 2, 2, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 3, 2, 2, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 3, 2, 1, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 3, 2, 1, 3, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 3, 2, 1, 2, 2) = 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 3, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 3, 2, 1, 1, 3) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 3, 2, 1, 1, 2, 1) = 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 3, 2, 1, 1, 1, 2) = 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 3, 2, 1, 1, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 3, 1, 6) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 3, 1, 5, 1) = 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 3, 1, 4, 2) = 4 \cdot 5^{11} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 3, 1, 4, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 3, 1, 3, 3) = 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 3, 1, 3, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 3, 1, 3, 1, 2) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 3, 1, 3, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 3, 1, 2, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 3, 1, 2, 3, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 3, 1, 2, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 3, 1, 2, 2, 1, 1) = 2 \cdot 5^{12} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 3, 1, 2, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 3, 1, 2, 1, 2, 1) = 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 3, 1, 2, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 3, 1, 2, 1, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 3, 1, 1, 5) = 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 3, 1, 1, 4, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 3, 1, 1, 3, 2) = 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 3, 1, 1, 3, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 3, 1, 1, 2, 3) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 3, 1, 1, 2, 2, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 3, 1, 1, 2, 1, 2) = 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 3, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 3, 1, 1, 1, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 3, 1, 1, 1, 3, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{17} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 3, 1, 1, 1, 2, 2) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 3, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 3, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 3, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 3, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 2, 8) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 7, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 6, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 6, 1, 1) = 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 5, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 5, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 5, 1, 2) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 5, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 4, 4) = 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 4, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 4, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 4, 2, 1, 1) = 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 4, 1, 3) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 4, 1, 2, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 4, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 4, 1, 1, 1, 1) = 5^{11} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 3, 5) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 3, 4, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 3, 3, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 3, 3, 1, 1) = 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 3, 2, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 3, 2, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 3, 2, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 3, 2, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 3, 1, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 3, 1, 3, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 3, 1, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 3, 1, 2, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 3, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 3, 1, 1, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 3, 1, 1, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 3, 1, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 2, 2, 6) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 2, 5, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 2, 4, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 2, 4, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 2, 3, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 2, 3, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 2, 3, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 2, 3, 1, 1, 1) = 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 2, 2, 4) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 2, 2, 3, 1) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 2, 2, 2, 2) = O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 2, 2, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 2, 2, 1, 3) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 2, 2, 1, 2, 1) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 2, 2, 1, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 2, 2, 1, 1, 1, 1) = 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 2, 1, 5) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 2, 1, 4, 1) = 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 2, 1, 3, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 2, 1, 3, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 2, 1, 2, 3) = 2 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 2, 1, 2, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 2, 1, 2, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 2, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 2, 1, 1, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 2, 1, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 2, 1, 1, 2, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 2, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 2, 1, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 2, 1, 1, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 2, 1, 1, 1, 2) = 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 2, 1, 1, 1, 1, 1) = 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 7) = 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 6, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 5, 2) = 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 5, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 4, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 4, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 4, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 4, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 3, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 3, 3, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 3, 2, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 3, 2, 1, 1) = 5^{12} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 3, 1, 3) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 3, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 3, 1, 1, 2) = 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 3, 1, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 2, 5) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 2, 4, 1) = 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 2, 3, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 2, 3, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 2, 2, 3) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 2, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 2, 2, 1, 2) = 5^{11} + 5^{12} + 5^{13} + 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 2, 2, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 2, 1, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 2, 1, 3, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 2, 1, 2, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 2, 1, 2, 1, 1) = 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 2, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 2, 1, 1, 2, 1) = 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 2, 1, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 2, 1, 1, 1, 1, 1) = 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 6) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 5, 1) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 4, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 4, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 3, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 3, 2, 1) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 3, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 3, 1, 1, 1) = 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 2, 4) = 5^{11} + 5^{12} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 2, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 2, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 2, 2, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 2, 1, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 2, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 2, 1, 1, 2) = 5^{12} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 5) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 4, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 3, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 3, 1, 1) = 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 2, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 2, 2, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 2, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 2, 1, 1, 1) = 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 4) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 2, 1, 1) = 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 9) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 8, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 7, 2) = 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 7, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 6, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 6, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 6, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 6, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 5, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 5, 3, 1) = 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 5, 2, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 5, 2, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 5, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 5, 1, 2, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 5, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 5, 1, 1, 1, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 4, 5) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 4, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 4, 3, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 4, 3, 1, 1) = 5^{11} + 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 4, 2, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 4, 2, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 4, 2, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 4, 2, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 4, 1, 4) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 4, 1, 3, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 4, 1, 2, 2) = 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 4, 1, 2, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 4, 1, 1, 3) = 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 4, 1, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 4, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 4, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 3, 6) = 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 3, 5, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 3, 4, 2) = 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 3, 4, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 3, 3, 3) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 3, 3, 2, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 3, 3, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 3, 3, 1, 1, 1) = 5^{12} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 3, 2, 4) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 3, 2, 3, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 3, 2, 2, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 3, 2, 2, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 3, 2, 1, 3) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 3, 2, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 3, 2, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 3, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 3, 1, 5) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 3, 1, 4, 1) = 5^{12} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 3, 1, 3, 2) = 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 3, 1, 3, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 3, 1, 2, 3) = 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 3, 1, 2, 2, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 3, 1, 2, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 3, 1, 1, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 3, 1, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 3, 1, 1, 2, 2) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 3, 1, 1, 2, 1, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 3, 1, 1, 1, 3) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 3, 1, 1, 1, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 3, 1, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 3, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 7) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 6, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 2, 5, 2) = 2 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 5, 1, 1) = 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 4, 3) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 4, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 4, 1, 2) = 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 4, 1, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 3, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 3, 3, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 3, 2, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 3, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 3, 1, 3) = 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 3, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 3, 1, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 3, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 2, 5) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 2, 4, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 2, 2, 3, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 2, 3, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 2, 2, 3) = 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 2, 2, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 2, 2, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 2, 2, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 2, 1, 4) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 2, 1, 3, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 2, 1, 2, 2) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 2, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 2, 1, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 2, 1, 1, 1, 2) = 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 6) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 5, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 4, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 4, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 3, 3) = 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 3, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 3, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 3, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 2, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 2, 3, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 2, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 2, 2, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 2, 1, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 2, 1, 2, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 2, 1, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 4, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 3, 2) = 3 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 3, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 2, 3) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 2, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 2, 1, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 4) = 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 2, 2) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 2, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 2, 1) = 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 8) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 7, 1) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 6, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 6, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 5, 3) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 5, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 5, 1, 2) = 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 5, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 4, 4) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 4, 3, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 4, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 4, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 4, 1, 3) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 4, 1, 2, 1) = 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 4, 1, 1, 2) = 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 4, 1, 1, 1, 1) = 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 3, 5) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 3, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 3, 3, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 3, 3, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 3, 2, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 3, 2, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 3, 2, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 3, 2, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 3, 1, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 3, 1, 3, 1) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 3, 1, 2, 2) = 4 \cdot 5^{11} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 3, 1, 2, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 3, 1, 1, 3) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 3, 1, 1, 2, 1) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 3, 1, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 3, 1, 1, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 6) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 5, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 4, 2) = 5^{12} + 2 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 4, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 3, 3) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 3, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 3, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 3, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 2, 4) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 2, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 2, 2, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 2, 2, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 2, 1, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 2, 1, 2, 1) = 5^{11} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 2, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 5) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 4, 1) = 5^{11} + 2 \cdot 5^{13} + 5^{16} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 3, 2) = 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 3, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 2, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 2, 1, 2) = 3 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 2, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 3, 1) = 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 2, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 3) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 7) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 6, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 5, 2) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 5, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 4, 3) = 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 4, 2, 1) = 3 \cdot 5^{13} + 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 4, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 4, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 3, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 3, 3, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 3, 2, 2) = 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 3, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 3, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 3, 1, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 3, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 5) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 4, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 3, 2) = 2 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 3, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 2, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 2, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 2, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 2, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 4) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 2, 2) = 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 3) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 1, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 6) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 5, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 4, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 3, 3) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 3, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 3, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 3, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 4) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 5) = 5^{11} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 4, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 3, 2) = 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 3) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 2, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 11) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 10, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 9, 2) = 2 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 9, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 8, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 8, 2, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 8, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 8, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 7, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 7, 3, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 7, 2, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 7, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 7, 1, 3) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 7, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 7, 1, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 7, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 6, 5) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 6, 4, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 6, 3, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 6, 3, 1, 1) = 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 6, 2, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 6, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 6, 2, 1, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 6, 2, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 6, 1, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 6, 1, 3, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 6, 1, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 6, 1, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 6, 1, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 6, 1, 1, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 6, 1, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 6, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 5, 6) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 5, 5, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 5, 4, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 5, 4, 1, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 5, 3, 3) = 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 5, 3, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 5, 3, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 5, 3, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 5, 2, 4) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 5, 2, 3, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 5, 2, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 5, 2, 2, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 5, 2, 1, 3) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 5, 2, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 5, 2, 1, 1, 2) = 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 5, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 5, 1, 5) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 5, 1, 4, 1) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 5, 1, 3, 2) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 5, 1, 3, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 5, 1, 2, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 5, 1, 2, 2, 1) = 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 5, 1, 2, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 5, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 5, 1, 1, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 5, 1, 1, 3, 1) = 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 5, 1, 1, 2, 2) = 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 5, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 5, 1, 1, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 5, 1, 1, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 5, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 5, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 4, 7) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 4, 6, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 4, 5, 2) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 4, 5, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 4, 4, 3) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 4, 4, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 4, 4, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 4, 4, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 4, 3, 4) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 4, 3, 3, 1) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 4, 3, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 4, 3, 2, 1, 1) = 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 4, 3, 1, 3) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 4, 3, 1, 2, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 4, 3, 1, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 4, 3, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 4, 2, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 4, 2, 4, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 4, 2, 3, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 4, 2, 3, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 4, 2, 2, 3) = 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 4, 2, 2, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 4, 2, 2, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 4, 2, 2, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 4, 2, 1, 4) = 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 4, 2, 1, 3, 1) = 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 4, 2, 1, 2, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 4, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 4, 2, 1, 1, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 4, 2, 1, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 4, 2, 1, 1, 1, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 4, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 4, 1, 6) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 4, 1, 5, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 4, 1, 4, 2) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 4, 1, 4, 1, 1) = 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 4, 1, 3, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 4, 1, 3, 2, 1) = 2 \cdot 5^{11} + 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 4, 1, 3, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 4, 1, 3, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 4, 1, 2, 4) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 4, 1, 2, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 4, 1, 2, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 4, 1, 2, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 4, 1, 2, 1, 3) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 4, 1, 2, 1, 2, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 4, 1, 2, 1, 1, 2) = 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 4, 1, 2, 1, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 4, 1, 1, 5) = 4 \cdot 5^{11} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 4, 1, 1, 4, 1) = 3 \cdot 5^{11} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 4, 1, 1, 3, 2) = 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 4, 1, 1, 3, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 4, 1, 1, 2, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 4, 1, 1, 2, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 4, 1, 1, 2, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 4, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 4, 1, 1, 1, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 4, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 4, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 4, 1, 1, 1, 2, 1, 1) = 5^{11} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 4, 1, 1, 1, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 4, 1, 1, 1, 1, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 4, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 4, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 8) = 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 7, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 6, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 6, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 5, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 5, 2, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 5, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 5, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 4, 4) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 4, 3, 1) = 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 4, 2, 2) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 4, 2, 1, 1) = 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 4, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 4, 1, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 4, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 4, 1, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 3, 5) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 3, 4, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 3, 3, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 3, 3, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 3, 2, 3) = 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 3, 3, 2, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 3, 2, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 3, 3, 2, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 3, 1, 4) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 3, 1, 3, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 3, 1, 2, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 3, 3, 1, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 3, 3, 1, 1, 3) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 3, 3, 1, 1, 2, 1) = 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 3, 1, 1, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 3, 1, 1, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 2, 6) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 2, 5, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 2, 4, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 2, 4, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 2, 3, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 2, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 2, 3, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 2, 3, 1, 1, 1) = 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 2, 2, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 2, 2, 3, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 2, 2, 2, 2) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 2, 2, 2, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 2, 2, 1, 3) = 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 2, 2, 1, 2, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 2, 2, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 2, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 2, 1, 5) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 2, 1, 4, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 2, 1, 3, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 2, 1, 3, 1, 1) = 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 2, 1, 2, 3) = 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 3, 2, 1, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 2, 1, 2, 1, 2) = 5^{12} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 3, 2, 1, 2, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 2, 1, 1, 4) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 2, 1, 1, 3, 1) = 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 2, 1, 1, 2, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 3, 2, 1, 1, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 3, 2, 1, 1, 1, 3) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 3, 2, 1, 1, 1, 2, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 2, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 2, 1, 1, 1, 1, 1, 1) = 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 7) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 1, 6, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 5, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 5, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 1, 4, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 1, 4, 2, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 1, 4, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 1, 4, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 3, 4) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1, 3, 3, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 3, 2, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 1, 3, 2, 1, 1) = 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 3, 1, 3) = O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 3, 1, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 3, 1, 1, 2) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 3, 1, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 2, 5) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 1, 2, 4, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 2, 3, 2) = 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 2, 3, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 2, 2, 3) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 2, 2, 2, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 2, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 2, 2, 1, 1, 1) = 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 2, 1, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 2, 1, 3, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 1, 2, 1, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 1, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 2, 1, 1, 3) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 2, 1, 1, 2, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 2, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 1, 6) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 3, 1, 1, 5, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 1, 4, 2) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1, 4, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 3, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 3, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 3, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 3, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 1, 2, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1, 1, 2, 3, 1) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 1, 2, 2, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1, 2, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 2, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 2, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 2, 1, 1, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 3, 1, 1, 1, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 3, 1, 1, 1, 4, 1) = 2 \cdot 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 3, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 3, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 1, 2, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 1, 2, 2, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 2, 1, 2) = 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 2, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 3, 1, 1, 1, 1, 4) = 2 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1, 1, 2) = 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 9) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 8, 1) = 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 7, 2) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 7, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 6, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 6, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 6, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 6, 1, 1, 1) = 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 5, 4) = 3 \cdot 5^{11} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 5, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 5, 2, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 5, 2, 1, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 5, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 5, 1, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 5, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 5, 1, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 4, 5) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 4, 4, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 4, 3, 2) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 4, 3, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 4, 2, 3) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 4, 2, 2, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 4, 2, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 4, 2, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 4, 1, 4) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 4, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 4, 1, 2, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 4, 1, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 4, 1, 1, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 4, 1, 1, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 4, 1, 1, 1, 2) = 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 4, 1, 1, 1, 1, 1) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 3, 6) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 3, 5, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 3, 4, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 3, 4, 1, 1) = 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 3, 3, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 3, 3, 2, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 3, 3, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 3, 3, 1, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 3, 2, 4) = 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 3, 2, 3, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 3, 2, 2, 2) = 2 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 3, 2, 2, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 3, 2, 1, 3) = 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 3, 2, 1, 2, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 3, 2, 1, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 3, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 3, 1, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 3, 1, 4, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 3, 1, 3, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 3, 1, 3, 1, 1) = 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 3, 1, 2, 3) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 3, 1, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 3, 1, 2, 1, 2) = 3 \cdot 5^{14} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 3, 1, 2, 1, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 3, 1, 1, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 3, 1, 1, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 3, 1, 1, 2, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 3, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 3, 1, 1, 1, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 3, 1, 1, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 3, 1, 1, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 2, 7) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 2, 6, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 5, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 5, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 4, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 4, 2, 1) = 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 4, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 4, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 3, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 3, 3, 1) = 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 3, 2, 2) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 3, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 3, 1, 3) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 3, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 3, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 3, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 2, 2, 5) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 2, 2, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 2, 3, 2) = 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 2, 3, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 2, 2, 3) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 2, 2, 2, 1) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 2, 2, 1, 2) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 2, 2, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 2, 1, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 2, 1, 3, 1) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 2, 1, 2, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 2, 1, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 2, 1, 1, 3) = 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 2, 1, 1, 2, 1) = 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 2, 1, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 6) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 5, 1) = 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 4, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 4, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 3, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 3, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 3, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 2, 4) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 2, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 2, 2, 2) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 2, 2, 1, 1) = 3 \cdot 5^{11} + 5^{14} + 5^{15} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 2, 1, 3) = 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 2, 1, 2, 1) = 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 2, 1, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{15} + 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 5) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 4, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 3, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 3, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 2, 3) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 4) = 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 3, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 2, 2) = 5^{11} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 3) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 8) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 7, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 6, 2) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 6, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 5, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 5, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 5, 1, 2) = 4 \cdot 5^{12} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 5, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 4, 4) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 4, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 4, 2, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 4, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 4, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 4, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 4, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 4, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 3, 5) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 3, 4, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 3, 3, 2) = 5^{12} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 3, 3, 1, 1) = 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 3, 2, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 3, 2, 2, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 3, 2, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 3, 2, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 3, 1, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 3, 1, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 3, 1, 2, 2) = 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 3, 1, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 3, 1, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 3, 1, 1, 2, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 3, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 6) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 5, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 4, 2) = 4 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 4, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 3, 3) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 3, 2, 1) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 3, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 3, 1, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 2, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 2, 3, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 2, 1, 1) = 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 2, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 2, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 2, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 2, 1, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 5) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 4, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 3, 2) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 3, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 2, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 2, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 2, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 4) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 3, 1) = 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 2, 2) = 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 2, 1, 1) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 3) = 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 7) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 6, 1) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 5, 2) = 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 5, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 4, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 4, 2, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 4, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 4, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 3, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 3, 3, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 3, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 3, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 3, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 3, 1, 2, 1) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 3, 1, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 3, 1, 1, 1, 1) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 5) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 4, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 3, 2) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 3, 1, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 2, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 2, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 2, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 2, 1, 1, 1) = 5^{11} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 4) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 3, 1) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 2, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 3) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 2, 1) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 6) = 2 \cdot 5^{11} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 5, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 4, 2) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 4, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 3, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 3, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 3, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 3, 1, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 4) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 3, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 5) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 4, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 3, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 4) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 10) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 9, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 8, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 8, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 7, 3) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 7, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{15} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 7, 1, 2) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 7, 1, 1, 1) = 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 6, 4) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 6, 3, 1) = 2 \cdot 5^{14} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 6, 2, 2) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 6, 2, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 6, 1, 3) = 2 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 6, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 6, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 6, 1, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 5, 5) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 5, 4, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 5, 3, 2) = 5^{11} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 5, 3, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 5, 2, 3) = 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 5, 2, 2, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 5, 2, 1, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 5, 2, 1, 1, 1) = 5^{11} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 5, 1, 4) = 2 \cdot 5^{11} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 5, 1, 3, 1) = 4 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 5, 1, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 5, 1, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 5, 1, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 5, 1, 1, 2, 1) = 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 5, 1, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 5, 1, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 4, 6) = 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 4, 5, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 4, 4, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 4, 4, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 4, 3, 3) = 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 4, 3, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 4, 3, 1, 2) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 4, 3, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 4, 2, 4) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 4, 2, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 4, 2, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 4, 2, 2, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 4, 2, 1, 3) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 4, 2, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 4, 2, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 4, 2, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{14} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 4, 1, 5) = 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 4, 1, 4, 1) = 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 4, 1, 3, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 4, 1, 3, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 4, 1, 2, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 4, 1, 2, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 4, 1, 2, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 4, 1, 2, 1, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 4, 1, 1, 4) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 4, 1, 1, 3, 1) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 4, 1, 1, 2, 2) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 4, 1, 1, 2, 1, 1) = 4 \cdot 5^{11} + 5^{13} + 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 4, 1, 1, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 4, 1, 1, 1, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 4, 1, 1, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 4, 1, 1, 1, 1, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 7) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 6, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 5, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 5, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 4, 3) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 4, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 3, 4, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 3, 4, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 3, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 3, 3, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 3, 2, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 3, 2, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 3, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 3, 1, 2, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 3, 1, 1, 2) = 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 3, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 2, 5) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 2, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 2, 3, 2) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 2, 3, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 2, 2, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 2, 2, 2, 1) = 2 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 2, 2, 1, 2) = 2 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 2, 2, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 2, 1, 4) = 5^{11} + 5^{12} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 2, 1, 3, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 2, 1, 2, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 2, 1, 1, 3) = 4 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 2, 1, 1, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 2, 1, 1, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 2, 1, 1, 1, 1, 1) = 5^{11} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 6) = 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 5, 1) = 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 4, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 4, 1, 1) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 3, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 3, 2, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 3, 1, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 3, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 2, 4) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 2, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 2, 2, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 2, 2, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 2, 1, 3) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 2, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 2, 1, 1, 2) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 2, 1, 1, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 5) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 4, 1) = 4 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 3, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 3, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 2, 3) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 2, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 2, 1, 2) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 2, 1, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 4) = 2 \cdot 5^{11} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 3, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 2, 1, 1) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 8) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 7, 1) = 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 6, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 6, 1, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 5, 3) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 5, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 5, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 5, 1, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 4, 4) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 4, 3, 1) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 4, 2, 2) = 5^{11} + 5^{12} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 4, 2, 1, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 4, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 4, 1, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 4, 1, 1, 2) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 4, 1, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 3, 5) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 3, 4, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 3, 3, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 3, 3, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 3, 2, 3) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 3, 2, 2, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 3, 2, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 3, 2, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 3, 1, 4) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 3, 1, 3, 1) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 3, 1, 2, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 3, 1, 2, 1, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 3, 1, 1, 3) = 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 3, 1, 1, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 3, 1, 1, 1, 2) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 3, 1, 1, 1, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 6) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 5, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 4, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 4, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 3, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 3, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 3, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 3, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 2, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 2, 3, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 2, 2, 2) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 2, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 2, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 2, 1, 2, 1) = 5^{11} + 5^{12} + 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 2, 1, 1, 2) = 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 2, 1, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 5) = 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 4, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 3, 2) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 3, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 2, 3) = 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 2, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 2, 1, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 2, 1, 1, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 4) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 3, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 2, 2) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 2, 1, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 3) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 2, 1) = 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 2, 1, 1, 1, 1, 1) = 4 \cdot 5^{12} + 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 7) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 6, 1) = 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 5, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 5, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 4, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 4, 2, 1) = 4 \cdot 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 4, 1, 2) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 4, 1, 1, 1) = 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 3, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 3, 3, 1) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 3, 2, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 3, 2, 1, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 3, 1, 3) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 3, 1, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 3, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 3, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 4, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 3, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 3, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 2, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 2, 2, 1) = 5^{11} + 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 2, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 2, 1, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 4) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 3, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 2, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 2, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 3) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 2, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 5^{12} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 6) = 3 \cdot 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 5, 1) = 5^{12} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 4, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 4, 1, 1) = 3 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 3, 3) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 3, 2, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 3, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 3, 1, 1, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 4) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 2, 2) = 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 3) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 2, 1) = 5^{12} + 4 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 5) = 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 4, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 3, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 3, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 3) = 3 \cdot 5^{11} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 2, 1) = 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 1, 2) = 2 \cdot 5^{12} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 5^{12} + 5^{13} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 4) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 3, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 2, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 5^{12} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$

$$\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) = \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) = \zeta_5(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) = \zeta_5(1, 1, 1, 9) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) = \zeta_5(1, 1, 1, 8, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_5(1, 1, 1, 7, 2) = 5^{11} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_5(1, 1, 1, 7, 1, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_5(1, 1, 1, 6, 3) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_5(1, 1, 1, 6, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_5(1, 1, 1, 6, 1, 2) = 3 \cdot 5^{12} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_5(1, 1, 1, 6, 1, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_5(1, 1, 1, 5, 4) = 2 \cdot 5^{11} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_5(1, 1, 1, 5, 3, 1) = 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_5(1, 1, 1, 5, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_5(1, 1, 1, 5, 2, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_5(1, 1, 1, 5, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_5(1, 1, 1, 5, 1, 2, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_5(1, 1, 1, 5, 1, 1, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_5(1, 1, 1, 5, 1, 1, 1, 1) = 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_5(1, 1, 1, 4, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_5(1, 1, 1, 4, 4, 1) = 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 5^{17} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_5(1, 1, 1, 4, 3, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 5^{17} + 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_5(1, 1, 1, 4, 3, 1, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_5(1, 1, 1, 4, 2, 3) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_5(1, 1, 1, 4, 2, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_5(1, 1, 1, 4, 2, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_5(1, 1, 1, 4, 2, 1, 1, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_5(1, 1, 1, 4, 1, 4) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_5(1, 1, 1, 4, 1, 3, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_5(1, 1, 1, 4, 1, 2, 2) = 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_5(1, 1, 1, 4, 1, 2, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_5(1, 1, 1, 4, 1, 1, 3) = 4 \cdot 5^{11} + 5^{13} + 5^{14} + 3 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_5(1, 1, 1, 4, 1, 1, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_5(1, 1, 1, 4, 1, 1, 1, 2) = 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\zeta_5([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_5(1, 1, 1, 4, 1, 1, 1, 1, 1) = 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20})$$

$$\begin{aligned}
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 3, 6) = 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 3, 5, 1) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 3, 4, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 3, 4, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3, 3, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 3, 3, 2, 1) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 3, 3, 1, 2) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 3, 3, 1, 1, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 3, 2, 4) = 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 3, 2, 3, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 3, 2, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 3, 2, 2, 1, 1) = 5^{11} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3, 2, 1, 3) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 3, 2, 1, 2, 1) = 5^{14} + 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 3, 2, 1, 1, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 3, 2, 1, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 3, 1, 5) = 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 3, 1, 4, 1) = 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 3, 1, 3, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 3, 1, 3, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3, 1, 2, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 3, 1, 2, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 3, 1, 2, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 3, 1, 1, 4) = 5^{12} + 2 \cdot 5^{13} + 5^{15} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 3, 1, 1, 3, 1) = 5^{12} + 5^{13} + 2 \cdot 5^{14} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 3, 1, 1, 2, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 3, 1, 1, 2, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 3, 1, 1, 1, 3) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 3, 1, 1, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 7) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 6, 1) = 4 \cdot 5^{11} + 5^{12} + 5^{13} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20})
 \end{aligned}$$



$$\begin{aligned}
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 3, 3) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 3, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 3, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 3, 1, 1, 1) = 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 4) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 3, 1) = 3 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 2, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 2, 1, 1) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 3) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 2, 1) = 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 1, 2) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 2, 1, 1, 1, 1) = 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 4, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 3, 2) = 2 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 3, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 3) = 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 2, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 1, 2) = 4 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 4) = 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 3, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 2, 2) = 3 \cdot 5^{13} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 5^{12} + 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 8) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 7, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 6, 2) = 2 \cdot 5^{11} + 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 6, 1, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{16} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 5, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 5, 2, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 5, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 5, 1, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 4, 4) = 3 \cdot 5^{11} + 5^{12} + 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 4, 3, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 4, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 4, 2, 1, 1) = 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 4, 1, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 4, 1, 2, 1) = 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 4, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 4, 1, 1, 1, 1) = 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 5) = 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 4, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 3, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 3, 1, 1) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 2, 3) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 2, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 2, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 2, 1, 1, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 4) = 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 3, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 2, 2) = 4 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 2, 1, 1) = 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 2, 1) = 2 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 1, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 3, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 6) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 5, 1) = 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{16} + 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 4, 2) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 4, 1, 1) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 3, 3) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 3, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 3, 1, 2) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 3, 1, 1, 1) = 4 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + O(5^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 2, 4) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 2, 3, 1) = 3 \cdot 5^{12} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 2, 2, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 2, 1, 3) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{14} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 2, 1, 2, 1) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 2, 1, 1, 2) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 2, 1, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 5) = 3 \cdot 5^{12} + 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 4, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 3, 2) = 2 \cdot 5^{12} + 5^{13} + 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 3, 1, 1) = 3 \cdot 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 2, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 2, 2, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 5^{14} + 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 2, 1, 2) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 4) = 5^{11} + 5^{12} + 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 3, 1) = 5^{11} + 3 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 2, 2) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 5^{15} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 1, 3) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 7) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 6, 1) = 3 \cdot 5^{11} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 5, 2) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 5, 1, 1) = 3 \cdot 5^{11} + 5^{12} + 5^{13} + 4 \cdot 5^{14} + 3 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 4, 3) = 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{17} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 4, 2, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 4, 1, 2) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 4, 1, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 3, 4) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
 \zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 3, 3, 1) = 4 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{16} + 5^{17} + 3 \cdot 5^{18} + O(5^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 3, 2, 2) = 5^{12} + 5^{13} + 2 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 3, 2, 1, 1) = 2 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 3, 1, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 2 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 3, 1, 2, 1) = 3 \cdot 5^{12} + 5^{13} + 5^{14} + 5^{15} + 5^{16} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 3, 1, 1, 2) = 3 \cdot 5^{11} + 5^{13} + 3 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 5) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 4, 1) = 3 \cdot 5^{11} + 2 \cdot 5^{12} + 5^{14} + 5^{15} + 3 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 3, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 3, 1, 1) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 2, 3) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 2, 2, 1) = 5^{11} + 5^{12} + 4 \cdot 5^{14} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 2, 1, 2) = 3 \cdot 5^{11} + 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 5^{11} + 4 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 4) = 4 \cdot 5^{11} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 4 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 3, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 2, 2) = 4 \cdot 5^{11} + 3 \cdot 5^{12} + 3 \cdot 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 3 \cdot 5^{15} + 4 \cdot 5^{16} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 3) = 4 \cdot 5^{11} + 2 \cdot 5^{12} + 3 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{15} + 4 \cdot 5^{16} + 5^{17} + 2 \cdot 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 5^{11} + 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 3 \cdot 5^{11} + 4 \cdot 5^{13} + 5^{14} + 4 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 6) = 5^{11} + 2 \cdot 5^{12} + 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 5^{18} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 5, 1) = 4 \cdot 5^{12} + 4 \cdot 5^{13} + 3 \cdot 5^{14} + 4 \cdot 5^{16} + 2 \cdot 5^{17} + 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 4, 2) = 5^{11} + 5^{12} + 3 \cdot 5^{13} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 4, 1, 1) = 4 \cdot 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{14} + 3 \cdot 5^{15} + 5^{16} + 4 \cdot 5^{17} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 3) = 3 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 4 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 2, 1) = 2 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 1, 2) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 3 \cdot 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 4) = 2 \cdot 5^{11} + 3 \cdot 5^{12} + 5^{14} + 5^{15} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 3, 1) = 3 \cdot 5^{13} + 4 \cdot 5^{15} + 5^{16} + 3 \cdot 5^{17} + 3 \cdot 5^{18} + 4 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 2, 2) = 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{14} + 3 \cdot 5^{15} + 3 \cdot 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 5^{12} + 3 \cdot 5^{14} + 4 \cdot 5^{15} + 5^{16} + 2 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 2, 1) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 5^{13} + 2 \cdot 5^{15} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 2) = 5^{11} + 3 \cdot 5^{13} + 2 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 5) = 4 \cdot 5^{11} + 4 \cdot 5^{12} + 3 \cdot 5^{13} + 4 \cdot 5^{16} + 4 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 4, 1) = 5^{12} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 5^{16} + 2 \cdot 5^{17} + 4 \cdot 5^{18} + 2 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 2) = 2 \cdot 5^{12} + 4 \cdot 5^{13} + 4 \cdot 5^{14} + 2 \cdot 5^{15} + 2 \cdot 5^{17} + 2 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 1, 1) = 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 3) = 4 \cdot 5^{12} + 2 \cdot 5^{13} + 3 \cdot 5^{14} + 2 \cdot 5^{16} + 5^{17} + 4 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 5^{11} + 2 \cdot 5^{14} + 2 \cdot 5^{15} + 3 \cdot 5^{17} + 3 \cdot 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 1, 2) = 5^{11} + 5^{12} + 4 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 4 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 4) = 2 \cdot 5^{12} + 2 \cdot 5^{13} + 2 \cdot 5^{14} + 5^{17} + 3 \cdot 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 5^{11} + 5^{13} + 4 \cdot 5^{14} + 5^{15} + 3 \cdot 5^{16} + 2 \cdot 5^{17} + 3 \cdot 5^{18} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 2) = 5^{11} + 4 \cdot 5^{13} + 2 \cdot 5^{15} + 5^{16} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 2, 1, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 5^{11} + 2 \cdot 5^{12} + 2 \cdot 5^{13} + 5^{16} + 3 \cdot 5^{17} + 5^{18} + 5^{19} + O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 2, 1) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 1, 2) = O(5^{20}) \\
\zeta_5([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_5(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(5^{20})
\end{aligned}$$

4.  $p = 7$  CASE

## 4.1. weight 0 case.

$$\zeta_7([\emptyset]) = \zeta_7() = 1 + O(7^{20})$$

## 4.2. weight 1 case.

$$\zeta_7([1]) = \zeta_7(1) = O(7^{20})$$

## 4.3. weight 2 case.

$$\zeta_7([1, 0]) = \zeta_7(2) = O(7^{20})$$

$$\zeta_7([1, 1]) = \zeta_7(1, 1) = O(7^{20})$$

## 4.4. weight 3 case.

$$\zeta_7([1, 0, 0]) = \zeta_7(3) = 6 \cdot 7^3 + 3 \cdot 7^4 + 7^5 + 7^6 + 2 \cdot 7^7 + 7^8 + 6 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 1]) = \zeta_7(2, 1) = 2 \cdot 7^3 + 6 \cdot 7^4 + 3 \cdot 7^5 + 4 \cdot 7^6 + 2 \cdot 7^7 + 4 \cdot 7^8 + 7^9 + 3 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 1, 0]) = \zeta_7(1, 2) = 6 \cdot 7^3 + 3 \cdot 7^4 + 7^5 + 7^6 + 2 \cdot 7^7 + 7^8 + 6 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 1, 1]) = \zeta_7(1, 1, 1) = O(7^{20})$$

## 4.5. weight 4 case.

$$\zeta_7([1, 0, 0, 0]) = \zeta_7(4) = O(7^{20})$$

$$\zeta_7([1, 0, 0, 1]) = \zeta_7(3, 1) = O(7^{20})$$

$$\zeta_7([1, 0, 1, 0]) = \zeta_7(2, 2) = O(7^{20})$$

$$\zeta_7([1, 0, 1, 1]) = \zeta_7(2, 1, 1) = O(7^{20})$$

$$\zeta_7([1, 1, 0, 0]) = \zeta_7(1, 3) = O(7^{20})$$

$$\zeta_7([1, 1, 0, 1]) = \zeta_7(1, 2, 1) = O(7^{20})$$

$$\zeta_7([1, 1, 1, 0]) = \zeta_7(1, 1, 2) = O(7^{20})$$

$$\zeta_7([1, 1, 1, 1]) = \zeta_7(1, 1, 1, 1) = O(7^{20})$$



$$\begin{aligned}
& \zeta_7([1, 0, 1, 1, 1, 1]) = \zeta_7(2, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 5) = 3 \cdot 7^6 + 4 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 4, 1) = 5 \cdot 7^6 + 5 \cdot 7^7 + 7^8 + 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 2) = 2 \cdot 7^6 + 7^7 + 5 \cdot 7^8 + 5 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1) = 4 \cdot 7^6 + 6 \cdot 7^7 + 2 \cdot 7^8 + 3 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 3) = 3 \cdot 7^6 + 4 \cdot 7^7 + 3 \cdot 7^8 + 2 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1) = 3 \cdot 7^6 + 3 \cdot 7^7 + 4 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2) = 4 \cdot 7^6 + 6 \cdot 7^7 + 2 \cdot 7^8 + 3 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 1, 0, 1, 1, 1]) = \zeta_7(1, 2, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 4) = 6 \cdot 7^6 + 7^8 + 6 \cdot 7^9 + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1) = 7^6 + 6 \cdot 7^7 + 5 \cdot 7^8 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2) = 7^6 + 6 \cdot 7^7 + 5 \cdot 7^8 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 1, 1, 0, 1, 1]) = \zeta_7(1, 1, 2, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3) = 3 \cdot 7^6 + 4 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 0, 1]) = \zeta_7(1, 1, 1, 2, 1) = O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 0]) = \zeta_7(1, 1, 1, 1, 2) = O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 1]) = \zeta_7(1, 1, 1, 1, 1, 1) = O(7^{20})
\end{aligned}$$

#### 4.8. weight 7 case.

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(7) = 6 \cdot 7^6 + 7^7 + 5 \cdot 7^8 + 3 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(6, 1) = 4 \cdot 7^6 + 6 \cdot 7^7 + 6 \cdot 7^8 + 3 \cdot 7^9 + 7^{10} + 7^{11} + 4 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(5, 2) = 4 \cdot 7^6 + 4 \cdot 7^7 + 3 \cdot 7^8 + 3 \cdot 7^{10} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(5, 1, 1) = 2 \cdot 7^6 + 3 \cdot 7^7 + 3 \cdot 7^8 + 5 \cdot 7^9 + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(4, 3) = 4 \cdot 7^6 + 7^7 + 3 \cdot 7^8 + 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(4, 2, 1) = 2 \cdot 7^6 + 3 \cdot 7^7 + 5 \cdot 7^8 + 2 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(4, 1, 2) = 2 \cdot 7^6 + 6 \cdot 7^7 + 6 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1) = 2 \cdot 7^6 + 5 \cdot 7^7 + 7^8 + 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 4) = 4 \cdot 7^6 + 3 \cdot 7^7 + 5 \cdot 7^8 + 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 3, 1) = 2 \cdot 7^6 + 7^7 + 3 \cdot 7^8 + 2 \cdot 7^{10} + 7^{11} + 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 2, 2) = 2 \cdot 7^6 + 4 \cdot 7^7 + 6 \cdot 7^8 + 2 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 2, 1, 1) = 2 \cdot 7^6 + 3 \cdot 7^7 + 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 3) = 2 \cdot 7^6 + 7^7 + 2 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 2, 1) = 2 \cdot 7^6 + 2 \cdot 7^7 + 3 \cdot 7^8 + 6 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 2) = 2 \cdot 7^6 + 6 \cdot 7^7 + 6 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_7([1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 4, 1) = 2 \cdot 7^6 + 5 \cdot 7^7 + 7^8 + 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 2) = 2 \cdot 7^6 + 5 \cdot 7^8 + 5 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1) = 4 \cdot 7^6 + 5 \cdot 7^7 + 7^8 + 2 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 3) = 2 \cdot 7^6 + 6 \cdot 7^7 + 6 \cdot 7^8 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1) = 4 \cdot 7^6 + 4 \cdot 7^7 + 3 \cdot 7^8 + 3 \cdot 7^{10} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 2) = 4 \cdot 7^6 + 3 \cdot 7^7 + 5 \cdot 7^8 + 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1) = 6 \cdot 7^6 + 4 \cdot 7^7 + 6 \cdot 7^8 + 5 \cdot 7^9 + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 4) = 2 \cdot 7^6 + 2 \cdot 7^7 + 5 \cdot 7^8 + 3 \cdot 7^9 + 7^{10} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1) = 4 \cdot 7^6 + 6 \cdot 7^7 + 6 \cdot 7^8 + 3 \cdot 7^9 + 7^{10} + 7^{11} + 4 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2) = 4 \cdot 7^6 + 5 \cdot 7^8 + 5 \cdot 7^9 + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1) = 6 \cdot 7^6 + 6 \cdot 7^7 + 7^8 + 4 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 3) = 4 \cdot 7^6 + 5 \cdot 7^7 + 7^8 + 2 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1) = 6 \cdot 7^6 + 2 \cdot 7^7 + 3 \cdot 7^8 + 2 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2) = 6 \cdot 7^6 + 7^7 + 5 \cdot 7^8 + 3 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1) = O(7^{20})
\end{aligned}$$

#### 4.9. weight 8 case.

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(8) = O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(7, 1) = 4 \cdot 7^8 + 6 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(6, 2) = 3 \cdot 7^8 + 2 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(6, 1, 1) = 2 \cdot 7^8 + 6 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(5, 3) = 7^8 + 6 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(5, 2, 1) = 5 \cdot 7^8 + 4 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(5, 1, 2) = 4 \cdot 7^8 + 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(5, 1, 1, 1) = 4 \cdot 7^8 + 5 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(4, 4) = O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(4, 3, 1) = 6 \cdot 7^8 + 5 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(4, 2, 2) = 5 \cdot 7^8 + 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(4, 2, 1, 1) = 3 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(4, 1, 3) = 6 \cdot 7^8 + 5 \cdot 7^9 + 2 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(4, 1, 2, 1) = 5 \cdot 7^8 + 6 \cdot 7^9 + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(4, 1, 1, 2) = 3 \cdot 7^8 + 4 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1, 1) = 6 \cdot 7^9 + 7^{10} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 5) = 3 \cdot 7^8 + 6 \cdot 7^{10} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 4, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 3, 2) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 3, 1, 1) = 7^8 + 6 \cdot 7^{10} + 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 2, 3) = 5 \cdot 7^8 + 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 2, 2, 1) = 7^8 + 2 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 2, 1, 2) = 4 \cdot 7^9 + 7^{10} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 2, 1, 1, 1) = 5 \cdot 7^8 + 4 \cdot 7^9 + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 4) = 7^8 + 4 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 7^{12} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 3, 1) = 5 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 2, 2) = 3 \cdot 7^8 + 5 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 2, 1, 1) = 4 \cdot 7^8 + 2 \cdot 7^9 + 4 \cdot 7^{12} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 3) = 2 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 2, 1) = 2 \cdot 7^8 + 4 \cdot 7^9 + 7^{10} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 2) = 4 \cdot 7^8 + 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1) = 7^8 + 3 \cdot 7^{10} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 6) = 4 \cdot 7^8 + 4 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 5, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 4, 2) = 7^8 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 4, 1, 1) = 3 \cdot 7^8 + 2 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 3, 3) = 5 \cdot 7^8 + 3 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 3, 2, 1) = 2 \cdot 7^8 + 2 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 3, 1, 2) = 3 \cdot 7^8 + 5 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 3, 1, 1, 1) = 7^8 + 6 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 4) = 7^8 + 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 3, 1) = 6 \cdot 7^8 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 2, 2) = O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 2, 1, 1) = 5 \cdot 7^8 + 7^9 + 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 2, 1) = 3 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 2) = 5 \cdot 7^8 + 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1) = 4 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 5) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 4, 1) = 2 \cdot 7^8 + 6 \cdot 7^9 + 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 3, 2) = 6 \cdot 7^8 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 3, 1, 1) = 6 \cdot 7^8 + 4 \cdot 7^9 + 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 3) = 4 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 2, 1) = 7^8 + 2 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 1, 2) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 1, 1, 1) = 2 \cdot 7^8 + 5 \cdot 7^9 + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 4) = 4 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 3, 1) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 2) = 7^8 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1) = 3 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{11} + 4 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 3) = 7^8 + 6 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1) = 4 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2) = 3 \cdot 7^8 + 2 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 7) = 3 \cdot 7^8 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 6, 1) = 3 \cdot 7^8 + 6 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 5, 2) = 7^8 + 6 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 5, 1, 1) = 7^8 + 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 4, 3) = 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 4, 2, 1) = 7^8 + 5 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 4, 1, 2) = 2 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 4, 1, 1, 1) = 4 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 4) = 3 \cdot 7^8 + 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 3, 1) = 7^8 + 5 \cdot 7^9 + 6 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 2, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 2, 1, 1) = 5 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 3) = O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 2, 1) = 2 \cdot 7^8 + 3 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 2) = 6 \cdot 7^8 + 5 \cdot 7^9 + 2 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1) = 6 \cdot 7^8 + 4 \cdot 7^9 + 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 5) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 4, 1) = 5 \cdot 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 3, 2) = 4 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 3, 1, 1) = 4 \cdot 7^8 + 2 \cdot 7^9 + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 2, 1) = 5 \cdot 7^8 + 6 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 2) = 5 \cdot 7^8 + 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1) = 4 \cdot 7^8 + 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 4) = 2 \cdot 7^8 + 5 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 3, 1) = 4 \cdot 7^8 + 5 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 2) = 5 \cdot 7^8 + 3 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1) = 3 \cdot 7^8 + 4 \cdot 7^9 + 7^{10} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 3) = 7^8 + 3 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 2, 1) = 3 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 2) = 7^8 + 6 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 6) = 2 \cdot 7^8 + 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 5, 1) = 4 \cdot 7^8 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 4, 2) = 4 \cdot 7^8 + 3 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 4, 1, 1) = 4 \cdot 7^8 + 2 \cdot 7^9 + 6 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 3) = 2 \cdot 7^8 + 5 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 2, 1) = 4 \cdot 7^8 + 2 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 2) = 7^8 + 4 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 7^{12} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 4) = 5 \cdot 7^8 + 4 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 3, 1) = 4 \cdot 7^9 + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 2) = 7^8 + 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 1) = 7^8 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 3) = 3 \cdot 7^8 + 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 2, 1) = 2 \cdot 7^8 + 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 2) = O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 5) = 5 \cdot 7^8 + 7^9 + 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 4, 1) = 4 \cdot 7^8 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 2) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1) = 5 \cdot 7^8 + 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 3) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1) = 2 \cdot 7^8 + 4 \cdot 7^9 + 6 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2) = 3 \cdot 7^8 + 6 \cdot 7^{10} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
& \zeta_7([1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_7(1, 1, 1, 2, 1, 1, 1) = O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_7(1, 1, 1, 1, 4) = 2 \cdot 7^8 + 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_7(1, 1, 1, 1, 3, 1) = 6 \cdot 7^8 + 6 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_7(1, 1, 1, 1, 2, 2) = 4 \cdot 7^8 + 4 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_7(1, 1, 1, 1, 2, 1, 1) = O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_7(1, 1, 1, 1, 1, 3) = 3 \cdot 7^8 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_7(1, 1, 1, 1, 1, 2, 1) = O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_7(1, 1, 1, 1, 1, 1, 2) = O(7^{20}) \\
& \zeta_7([1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_7(1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20})
\end{aligned}$$

#### 4.10. weight 9 case.

$$\begin{aligned}
& \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_7(9) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_7(8, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_7(7, 2) = 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_7(7, 1, 1) = 4 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_7(6, 3) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_7(6, 2, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_7(6, 1, 2) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_7(6, 1, 1, 1) = 3 \cdot 7^9 + 7^{10} + 6 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_7(5, 4) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_7(5, 3, 1) = 3 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_7(5, 2, 2) = 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{12} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_7(5, 2, 1, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_7(5, 1, 3) = 2 \cdot 7^9 + 2 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_7(5, 1, 2, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_7(5, 1, 1, 2) = 2 \cdot 7^{10} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_7(5, 1, 1, 1, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{12} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_7(4, 5) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_7(4, 4, 1) = 3 \cdot 7^{10} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_7(4, 3, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_7(4, 3, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_7(4, 2, 3) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_7(4, 2, 2, 1) = 3 \cdot 7^9 + 7^{10} + 7^{11} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
& \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_7(4, 2, 1, 2) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(4, 2, 1, 1, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(4, 1, 4) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(4, 1, 3, 1) = 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(4, 1, 2, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(4, 1, 2, 1, 1) = 4 \cdot 7^{10} + 7^{11} + 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(4, 1, 1, 3) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(4, 1, 1, 2, 1) = 6 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(4, 1, 1, 1, 2) = 2 \cdot 7^{10} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1, 1, 1) = 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 6) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 5, 1) = 3 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 4, 2) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 4, 1, 1) = 5 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 3, 3) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 3, 2, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 3, 1, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 3, 1, 1, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 2, 4) = 7^9 + 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 2, 3, 1) = 3 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 2, 2, 2) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 2, 2, 1, 1) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 2, 1, 3) = 6 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 2, 1, 2, 1) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 2, 1, 1, 2) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 2, 1, 1, 1, 1) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 5) = 6 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 4, 1) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 3, 2) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 3, 1, 1) = 2 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 2, 3) = 2 \cdot 7^9 + 7^{10} + 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 2, 2, 1) = 3 \cdot 7^9 + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 2, 1, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 2, 1, 1, 1) = 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 4) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 3, 1) = 7^9 + 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 2, 2) = 4 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 2, 1, 1) = 2 \cdot 7^9 + 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 3) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 2, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 2) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 7) = 7^9 + 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 6, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 5, 2) = 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 5, 1, 1) = 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 4, 3) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 4, 2, 1) = 6 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 4, 1, 2) = 4 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 4, 1, 1, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 3, 4) = 7^9 + 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 3, 3, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 3, 2, 2) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 3, 2, 1, 1) = 7^9 + 7^{10} + 7^{11} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 3, 1, 3) = 2 \cdot 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 3, 1, 2, 1) = 4 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 3, 1, 1, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 3, 1, 1, 1, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 5) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 4, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 3, 2) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 3, 1, 1) = 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 2, 3) = 3 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 2, 2, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 2, 1, 2) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 2, 1, 1, 1) = 6 \cdot 7^9 + 5 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 4) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 3, 1) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 2, 2) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 2, 1, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 3) = 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 2, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 2) = 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{12} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 6) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 5, 1) = 2 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 4, 2) = 4 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 4, 1, 1) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 3, 3) = 7^9 + 5 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 3, 2, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 3, 1, 2) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 3, 1, 1, 1) = 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 2, 4) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 2, 3, 1) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 2, 2, 2) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 2, 2, 1, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 2, 1, 3) = 2 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 2, 1, 2, 1) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 2, 1, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 2, 1, 1, 1, 1) = 3 \cdot 7^9 + 7^{10} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 5) = 3 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 4, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 7^{11} + 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 3, 2) = 4 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 3, 1, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 3) = 3 \cdot 7^9 + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 2, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 2, 1, 2) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 4) = 4 \cdot 7^9 + 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 3, 1) = 4 \cdot 7^9 + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 2, 2) = 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 3) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1) = 6 \cdot 7^9 + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2) = 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1) = 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 8) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 7, 1) = 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 6, 2) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 6, 1, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 5, 3) = 7^9 + 6 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 5, 2, 1) = 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 5, 1, 2) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 5, 1, 1, 1) = 3 \cdot 7^9 + 6 \cdot 7^{11} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 4, 4) = 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 4, 3, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 4, 2, 2) = 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 4, 2, 1, 1) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 4, 1, 3) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 4, 1, 2, 1) = 4 \cdot 7^{10} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 4, 1, 1, 2) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 4, 1, 1, 1, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 5) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 4, 1) = 7^9 + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 3, 2) = 2 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 3, 1, 1) = 6 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 2, 3) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 2, 2, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 2, 1, 2) = 6 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 2, 1, 1, 1) = 4 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 4) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 3, 1) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 2, 2) = 2 \cdot 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 2, 1, 1) = 5 \cdot 7^{10} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 3) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 2, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 2) = 2 \cdot 7^9 + 2 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1) = 3 \cdot 7^9 + 7^{11} + 2 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 6) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 5, 1) = 3 \cdot 7^9 + 7^{10} + 6 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 4, 2) = 3 \cdot 7^9 + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 4, 1, 1) = 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 3, 3) = 6 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 3, 2, 1) = 4 \cdot 7^9 + 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 3, 1, 2) = 2 \cdot 7^9 + 7^{10} + 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 3, 1, 1, 1) = 7^9 + 3 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 4) = 3 \cdot 7^{10} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 3, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 2, 2) = 3 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 2, 1, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 3) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 2, 1) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 2) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1) = 4 \cdot 7^9 + 7^{10} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 5) = 7^{10} + 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 4, 1) = 6 \cdot 7^9 + 7^{10} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 3, 2) = 7^9 + 5 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 3, 1, 1) = 5 \cdot 7^{10} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 3) = 6 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 2, 1) = 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 4) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 3, 1) = 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 2, 2) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 2, 1, 1) = 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 3) = 7^9 + 6 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 2, 1) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 7) = 7^9 + 4 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 6, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 5, 2) = 4 \cdot 7^9 + 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 5, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 4, 3) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 4, 2, 1) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 4, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 4, 1, 1, 1) = 4 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 3, 4) = 2 \cdot 7^{10} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 3, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 2, 2) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 2, 1, 1) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 3) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 2, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 1, 2) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1, 1, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 5) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 4, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 3, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 3, 1, 1) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 3) = 3 \cdot 7^{10} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 2, 1) = 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 1, 2) = 7^9 + 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 1, 1) = 4 \cdot 7^9 + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 4) = 2 \cdot 7^{10} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 3, 1) = 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 2, 2) = 7^9 + 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 2, 1, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 3) = 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 2, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 2) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 1) = 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 6) = 3 \cdot 7^9 + 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 5, 1) = 3 \cdot 7^{10} + 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 4, 2) = 3 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 4, 1, 1) = 7^9 + 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 3) = 7^{10} + 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 2, 1) = 4 \cdot 7^9 + 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 2) = 6 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 4) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 3, 1) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 2) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1) = 4 \cdot 7^9 + 7^{10} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 3) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1) = 3 \cdot 7^9 + 7^{10} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 5) = 3 \cdot 7^9 + 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 4, 1) = 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 3, 2) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 3, 1, 1) = 3 \cdot 7^9 + 7^{11} + 2 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 3) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 2, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 2) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 1) = 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 4) = 7^9 + 4 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2) = 7^9 + 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1) = 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20})
 \end{aligned}$$

## 4.11. weight 10 case.

$$\zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_7(10) = O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_7(9, 1) = 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_7(8, 2) = 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_7(8, 1, 1) = 7^9 + 7^{10} + 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_7(7, 3) = 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_7(7, 2, 1) = 7^9 + 7^{10} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_7(7, 1, 2) = 4 \cdot 7^9 + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_7(7, 1, 1, 1) = 6 \cdot 7^9 + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_7(6, 4) = 7^{10} + 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_7(6, 3, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_7(6, 2, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_7(6, 2, 1, 1) = 6 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_7(6, 1, 3) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_7(6, 1, 2, 1) = 6 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_7(6, 1, 1, 2) = 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_7(6, 1, 1, 1, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_7(5, 5) = 7^{10} + 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_7(5, 4, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_7(5, 3, 2) = 3 \cdot 7^9 + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_7(5, 3, 1, 1) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_7(5, 2, 3) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_7(5, 2, 2, 1) = 6 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_7(5, 2, 1, 2) = 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_7(5, 2, 1, 1, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_7(5, 1, 4) = 5 \cdot 7^{10} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_7(5, 1, 3, 1) = 5 \cdot 7^9 + 7^{10} + 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_7(5, 1, 2, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_7(5, 1, 2, 1, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_7(5, 1, 1, 3) = 5 \cdot 7^9 + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 7^{18} + 5 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_7(5, 1, 1, 2, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_7(5, 1, 1, 1, 2) = 3 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})$$

$$\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_7(5, 1, 1, 1, 1, 1) = 6 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20})$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(4, 6) = 6 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(4, 5, 1) = 3 \cdot 7^9 + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(4, 4, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(4, 4, 1, 1) = 6 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(4, 3, 3) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(4, 3, 2, 1) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(4, 3, 1, 2) = 7^9 + 3 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(4, 3, 1, 1, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(4, 2, 4) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(4, 2, 3, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(4, 2, 2, 2) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(4, 2, 2, 1, 1) = 2 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(4, 2, 1, 3) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(4, 2, 1, 2, 1) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(4, 2, 1, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(4, 2, 1, 1, 1, 1) = 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(4, 1, 5) = 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(4, 1, 4, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(4, 1, 3, 2) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(4, 1, 3, 1, 1) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(4, 1, 2, 3) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(4, 1, 2, 2, 1) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(4, 1, 2, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(4, 1, 2, 1, 1, 1) = 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(4, 1, 1, 4) = 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(4, 1, 1, 3, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(4, 1, 1, 2, 2) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(4, 1, 1, 2, 1, 1) = 6 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(4, 1, 1, 1, 3) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(4, 1, 1, 1, 2, 1) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(4, 1, 1, 1, 1, 2) = 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 7) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 6, 1) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 5, 2) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 5, 1, 1) = 6 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 4, 3) = 3 \cdot 7^9 + 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 4, 2, 1) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 4, 1, 2) = 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 4, 1, 1, 1) = 2 \cdot 7^9 + 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 3, 4) = 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 3, 3, 1) = 5 \cdot 7^9 + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 3, 2, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 3, 2, 1, 1) = 2 \cdot 7^9 + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 3, 1, 3) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 3, 1, 2, 1) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 3, 1, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 3, 1, 1, 1, 1) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 2, 5) = 2 \cdot 7^{10} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 2, 4, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 2, 3, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 2, 3, 1, 1) = 2 \cdot 7^9 + 7^{10} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 2, 2, 3) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 2, 2, 2, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 2, 2, 1, 2) = 3 \cdot 7^9 + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 2, 2, 1, 1, 1) = 3 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 2, 1, 4) = 3 \cdot 7^{10} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 2, 1, 3, 1) = 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 2, 1, 2, 2) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 2, 1, 2, 1, 1) = 7^{10} + 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 2, 1, 1, 3) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 2, 1, 1, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 2, 1, 1, 1, 2) = 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 6) = 3 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 5, 1) = 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 4, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 4, 1, 1) = 2 \cdot 7^9 + 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 3, 3) = 5 \cdot 7^9 + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 3, 2, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 3, 1, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 3, 1, 1, 1) = 4 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 2, 4) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 2, 3, 1) = 5 \cdot 7^9 + 3 \cdot 7^{11} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 2, 2, 2) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 2, 2, 1, 1) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 2, 1, 3) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 2, 1, 2, 1) = 3 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 2, 1, 1, 2) = 7^9 + 3 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 2, 1, 1, 1, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 5) = 3 \cdot 7^{10} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 4, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 3, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 3, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 2, 3) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 2, 2, 1) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 2, 1, 2) = 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 2, 1, 1, 1) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 4) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 3, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 2, 2) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 2, 1, 1) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 3) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 2, 1) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^9 + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 8) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 7, 1) = 7^{10} + 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 6, 2) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 6, 1, 1) = 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 5, 3) = 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 5, 2, 1) = 7^9 + 7^{10} + 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 5, 1, 2) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 5, 1, 1, 1) = 4 \cdot 7^9 + 7^{10} + 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 4, 4) = 4 \cdot 7^9 + 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 4, 3, 1) = 6 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 4, 2, 2) = 3 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 4, 2, 1, 1) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 4, 1, 3) = 4 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 4, 1, 2, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 4, 1, 1, 2) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 4, 1, 1, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 3, 5) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 3, 4, 1) = 3 \cdot 7^{10} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 3, 3, 2) = 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 3, 3, 1, 1) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 3, 2, 3) = 2 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 3, 2, 2, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 3, 2, 1, 2) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 3, 2, 1, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 3, 1, 4) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 3, 1, 3, 1) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 3, 1, 2, 2) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 3, 1, 2, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 3, 1, 1, 3) = 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 3, 1, 1, 2, 1) = 4 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 3, 1, 1, 1, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 3, 1, 1, 1, 1, 1) = 7^9 + 3 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 6) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 5, 1) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 4, 2) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 4, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 3, 3) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 3, 2, 1) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 3, 1, 2) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 3, 1, 1, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 2, 4) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 2, 3, 1) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 2, 2, 2) = O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 2, 2, 1, 1) = 4 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 2, 1, 3) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 2, 1, 2, 1) = 4 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 2, 1, 1, 2) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 2, 1, 1, 1, 1) = 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 5) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 4, 1) = 3 \cdot 7^{10} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 3, 2) = 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 3, 1, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 2, 3) = 4 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 2, 2, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 2, 1, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 2, 1, 1, 1) = 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 4) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 3, 1) = 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 2, 2) = 3 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 2, 1, 1) = 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 3) = 5 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 2, 1) = 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 7) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 6, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 5, 2) = 5 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 5, 1, 1) = 4 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 4, 3) = 2 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 4, 2, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 4, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 4, 1, 1, 1) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 3, 4) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 3, 3, 1) = 2 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 3, 2, 2) = 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 3, 2, 1, 1) = 4 \cdot 7^9 + 7^{10} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 3, 1, 3) = 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 3, 1, 2, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 3, 1, 1, 2) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 3, 1, 1, 1) = 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 2, 5) = 2 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 2, 4, 1) = 5 \cdot 7^{10} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
&\quad \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_7(2, 1, 2, 3, 2) = O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 2, 3, 1, 1) = 4 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 2, 3) = 2 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 2, 2, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 2, 1, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 2, 1, 1) = 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 2, 1, 4) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 2, 1, 3, 1) = 2 \cdot 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 2, 1, 2, 2) = 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 2, 1, 2, 1) = 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 2, 1, 1, 3) = 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 2, 1, 1, 2) = 7^9 + 7^{10} + 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 2, 1, 1, 1) = 3 \cdot 7^9 + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 2, 1, 1, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 6) = 2 \cdot 7^9 + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 5, 1) = 4 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 4, 2) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 4, 1, 1) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 7^{12} + 7^{14} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 3, 3) = 5 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 3, 2, 1) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 3, 1, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 3, 1, 1) = 7^9 + 7^{10} + 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 2, 4) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 2, 3, 1) = 6 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 2, 2) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 2, 1) = 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 1, 3) = 2 \cdot 7^{10} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 1, 2, 1) = 7^9 + 5 \cdot 7^{11} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 2, 1, 1, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1, 1, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 5) = 2 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 4, 1) = 4 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 3, 2) = 5 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 3, 1, 1) = 7^9 + 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 2, 3) = 5 \cdot 7^{10} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 2, 1) = 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 2, 1, 2) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1, 1, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 4) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 3, 1) = 2 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2, 2) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 2, 1, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 3) = 7^{10} + 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 2) = 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 9) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 8, 1) = 3 \cdot 7^9 + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 7, 2) = 7^{10} + 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 7, 1, 1) = 3 \cdot 7^9 + 3 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 6, 3) = 4 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 6, 2, 1) = 3 \cdot 7^9 + 7^{10} + 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 6, 1, 2) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 6, 1, 1, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 5, 4) = 4 \cdot 7^9 + 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 5, 3, 1) = 2 \cdot 7^9 + 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 5, 2, 2) = 5 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 5, 2, 1, 1) = 5 \cdot 7^9 + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 5, 1, 3) = 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 5, 1, 2, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 5, 1, 1, 2) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 5, 1, 1, 1, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 4, 5) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 4, 4, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 4, 3, 2) = 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 4, 3, 1, 1) = 5 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 4, 2, 3) = 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 4, 2, 2, 1) = 5 \cdot 7^9 + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 4, 2, 1, 2) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 4, 2, 1, 1, 1) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 4, 1, 4) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 4, 1, 3, 1) = 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 4, 1, 2, 2) = 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 4, 1, 2, 1, 1) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 4, 1, 1, 3) = 6 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 4, 1, 1, 2, 1) = 5 \cdot 7^9 + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 4, 1, 1, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 4, 1, 1, 1, 1, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 6) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 5, 1) = 2 \cdot 7^9 + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 4, 2) = 2 \cdot 7^{10} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 4, 1, 1) = 5 \cdot 7^9 + 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 3, 3) = 4 \cdot 7^{10} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 3, 2, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 3, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 3, 1, 1, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 2, 4) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 2, 3, 1) = 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 2, 2, 2) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 2, 2, 1, 1) = 5 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 2, 1, 3) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 2, 1, 2, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 2, 1, 1, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 2, 1, 1, 1, 1) = 3 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 5) = 2 \cdot 7^9 + 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 4, 1) = 7^9 + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 3, 2) = 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 3, 1, 1) = 5 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 2, 3) = 4 \cdot 7^{10} + 7^{12} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 2, 2, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 2, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 2, 1, 1, 1) = 3 \cdot 7^9 + 7^{10} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 4) = 2 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 3, 1) = 7^9 + 2 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 2, 2) = 4 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 2, 1, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 3) = 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 2, 1) = 3 \cdot 7^9 + 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 2) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 1) = 7^9 + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 7) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 6, 1) = 2 \cdot 7^9 + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 5, 2) = 5 \cdot 7^{10} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 5, 1, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 4, 3) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 4, 2, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 4, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 4, 1, 1, 1) = 5 \cdot 7^9 + 7^{10} + 3 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 3, 4) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{14} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 3, 3, 1) = 7^9 + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 3, 2, 2) = 4 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 3, 2, 1, 1) = 5 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 3, 1, 3) = 4 \cdot 7^{10} + 7^{12} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 3, 1, 2, 1) = 5 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 3, 1, 1, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 3, 1, 1, 1, 1) = 3 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 5) = 2 \cdot 7^9 + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 4, 1) = 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 3, 2) = 2 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 3, 1, 1) = 5 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 2, 3) = 4 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 2, 2, 1) = 5 \cdot 7^9 + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 2, 1, 2) = 5 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 2, 1, 1, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 4) = 2 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 3, 1) = 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 2, 2) = 2 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 2, 1, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 3) = 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 2, 1) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 1) = 7^9 + 4 \cdot 7^{10} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 6) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 5, 1) = 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 4, 2) = 5 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 4, 1, 1) = 5 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 3, 3) = 3 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 3, 2, 1) = 5 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 3, 1, 2) = 5 \cdot 7^9 + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 3, 1, 1, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 4) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 3, 1) = 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 2, 2) = 5 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 2, 1, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 3) = 4 \cdot 7^{10} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 2, 1) = 3 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 2) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 1) = 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 5) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 4, 1) = 7^9 + 3 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 3, 2) = 2 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 3, 1, 1) = 3 \cdot 7^9 + 6 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{18} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 2, 3) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 2, 2, 1) = 3 \cdot 7^9 + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 2, 1, 2) = 3 \cdot 7^9 + 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 2, 1, 1, 1) = 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 4) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 3, 1) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 2, 2) = 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 2, 1, 1) = 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 3) = 4 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 1) = 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 2) = 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 8) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 7, 1) = 6 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 6, 2) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 6, 1, 1) = 2 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 5, 3) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 5, 2, 1) = 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 5, 1, 2) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 5, 1, 1, 1) = 4 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 4, 4) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 4, 3, 1) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 4, 2, 2) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 4, 2, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 4, 1, 3) = 2 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 4, 1, 2, 1) = 3 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 4, 1, 1, 2) = 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 4, 1, 1, 1, 1) = 7^{10} + 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 3, 5) = 6 \cdot 7^9 + 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 3, 4, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 3, 2) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 3, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 2, 3) = 2 \cdot 7^9 + 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 2, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 3, 2, 1, 2) = 3 \cdot 7^{10} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 3, 2, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 3, 1, 4) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1, 3, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 1, 2, 2) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 2, 1, 1) = 2 \cdot 7^{10} + 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 1, 3) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 1, 2, 1) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 1, 1, 2) = 5 \cdot 7^{10} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1, 1, 1, 1) = 3 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 6) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 5, 1) = 3 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 4, 2) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 4, 1, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 3, 3) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 3, 2, 1) = 3 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 3, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 3, 1, 1, 1) = 5 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 4) = 4 \cdot 7^9 + 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 3, 1) = 3 \cdot 7^9 + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 2, 2) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 2, 1, 1) = 7^{10} + 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 1, 3) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1, 2, 1) = 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 1, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 1, 1, 1) = 2 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 5) = 4 \cdot 7^9 + 4 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 4, 1) = 3 \cdot 7^9 + 7^{10} + 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 3, 2) = 2 \cdot 7^9 + 4 \cdot 7^{10} + 6 \cdot 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 3, 1, 1) = 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 2, 3) = 2 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{14} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 2, 2, 1) = 2 \cdot 7^{10} + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 2, 1, 2) = 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 4) = 6 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 3, 1) = 6 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 2, 2) = 4 \cdot 7^9 + 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 7^{10} + 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 3) = 4 \cdot 7^9 + 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 2, 1) = 5 \cdot 7^{10} + 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 2) = 7^{10} + 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 7) = 6 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 6, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 5, 2) = 2 \cdot 7^9 + 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 5, 1, 1) = 5 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 4, 3) = 2 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 4, 2, 1) = 3 \cdot 7^{10} + 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 4, 1, 2) = 3 \cdot 7^{10} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 4, 1, 1, 1) = 3 \cdot 7^{10} + 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 4) = 4 \cdot 7^9 + 4 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 3, 1) = 3 \cdot 7^9 + 6 \cdot 7^{10} + 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 2, 2) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 2, 1, 1) = 4 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 3) = 2 \cdot 7^9 + 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 2, 1) = 7^{10} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 2) = 7^{10} + 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 1) = 7^{10} + 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 5) = 4 \cdot 7^9 + 3 \cdot 7^{10} + 3 \cdot 7^{11} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 4, 1) = 3 \cdot 7^9 + 2 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 3, 2) = 2 \cdot 7^9 + 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 3, 1, 1) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 3) = 2 \cdot 7^9 + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 2, 1) = 5 \cdot 7^{10} + 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 2) = 2 \cdot 7^{10} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 1) = 4 \cdot 7^{10} + 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 4) = 6 \cdot 7^9 + 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 3, 1) = 6 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 2) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 3) = 4 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 1) = 7^{10} + 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 2) = 7^{10} + 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 6) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 5, 1) = 3 \cdot 7^9 + 4 \cdot 7^{10} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 4, 2) = 2 \cdot 7^9 + 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 4, 1, 1) = 6 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 3, 3) = 2 \cdot 7^9 + 2 \cdot 7^{10} + 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 3, 2, 1) = 4 \cdot 7^{10} + 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 3, 1, 2) = 3 \cdot 7^{10} + 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 3, 1, 1, 1) = 4 \cdot 7^{10} + 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 4) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 3, 1) = 6 \cdot 7^9 + 3 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 2, 2) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 2, 1, 1) = 3 \cdot 7^{10} + 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 3) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 7^{10} + 2 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 2) = 6 \cdot 7^{10} + 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 5) = 6 \cdot 7^9 + 3 \cdot 7^{10} + 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 4, 1) = 6 \cdot 7^9 + 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 3, 2) = 4 \cdot 7^9 + 2 \cdot 7^{10} + 2 \cdot 7^{11} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 1) = 7^{10} + 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 3) = 4 \cdot 7^9 + 6 \cdot 7^{10} + 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 1) = 3 \cdot 7^{10} + 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 7^{10} + 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 4) = 3 \cdot 7^9 + 5 \cdot 7^{10} + 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 7^9 + 5 \cdot 7^{10} + 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 2) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1, 1) = O(7^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3) = 6 \cdot 7^9 + 4 \cdot 7^{10} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1) = O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2) = O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20}) \end{aligned}$$

**4.12. weight 11 case.**

$$\begin{aligned} \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(11) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(10, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(9, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(9, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(8, 3) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(8, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(8, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(8, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(7, 4) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(7, 3, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(7, 2, 2) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(7, 2, 1, 1) = 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(7, 1, 3) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(7, 1, 2, 1) = 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(7, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(7, 1, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(6, 5) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(6, 4, 1) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(6, 3, 2) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(6, 3, 1, 1) = 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(6, 2, 3) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(6, 2, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(6, 2, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(6, 2, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(6, 1, 4) = 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(6, 1, 3, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(6, 1, 2, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(6, 1, 2, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(6, 1, 1, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(6, 1, 1, 2, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(6, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(6, 1, 1, 1, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(5, 6) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(5, 5, 1) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(5, 4, 2) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(5, 4, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(5, 3, 3) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(5, 3, 2, 1) = 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(5, 3, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(5, 3, 1, 1, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(5, 2, 4) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(5, 2, 3, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(5, 2, 2, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(5, 2, 2, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(5, 2, 1, 3) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(5, 2, 1, 2, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(5, 2, 1, 1, 2) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(5, 2, 1, 1, 1) = 7^{11} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(5, 1, 5) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(5, 1, 4, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(5, 1, 3, 2) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(5, 1, 3, 1, 1) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(5, 1, 2, 3) = 6 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(5, 1, 2, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(5, 1, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(5, 1, 2, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(5, 1, 1, 4) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(5, 1, 1, 3, 1) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(5, 1, 1, 2, 2) = 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(5, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(5, 1, 1, 1, 3) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(5, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(5, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(5, 1, 1, 1, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(4, 7) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(4, 6, 1) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(4, 5, 2) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(4, 5, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(4, 4, 3) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(4, 4, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(4, 4, 1, 2) = 2 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(4, 4, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(4, 3, 4) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(4, 3, 3, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(4, 3, 2, 2) = 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(4, 3, 2, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(4, 3, 1, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(4, 3, 1, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(4, 3, 1, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(4, 3, 1, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(4, 2, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(4, 2, 4, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(4, 2, 3, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(4, 2, 3, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(4, 2, 2, 3) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(4, 2, 2, 2, 1) = 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(4, 2, 2, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(4, 2, 2, 1, 1, 1) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(4, 2, 1, 4) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(4, 2, 1, 3, 1) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(4, 2, 1, 2, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(4, 2, 1, 2, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(4, 2, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(4, 2, 1, 1, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(4, 2, 1, 1, 1, 2) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(4, 2, 1, 1, 1, 1, 1) = 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(4, 1, 6) = 5 \cdot 7^{11} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(4, 1, 5, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(4, 1, 4, 2) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(4, 1, 4, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(4, 1, 3, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(4, 1, 3, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(4, 1, 3, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(4, 1, 3, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(4, 1, 2, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(4, 1, 2, 3, 1) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(4, 1, 2, 2, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(4, 1, 2, 2, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(4, 1, 2, 1, 3) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(4, 1, 2, 1, 2, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(4, 1, 2, 1, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(4, 1, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(4, 1, 1, 5) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(4, 1, 1, 4, 1) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(4, 1, 1, 3, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(4, 1, 1, 3, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(4, 1, 1, 2, 3) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(4, 1, 1, 2, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(4, 1, 1, 2, 1, 2) = 3 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(4, 1, 1, 2, 1, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(4, 1, 1, 1, 4) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(4, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(4, 1, 1, 1, 2, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(4, 1, 1, 1, 2, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(4, 1, 1, 1, 1, 3) = 4 \cdot 7^{11} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(4, 1, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(4, 1, 1, 1, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 8) = 7^{11} + 5 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 7, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(3, 6, 2) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(3, 6, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 5, 3) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 5, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 5, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 5, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 4, 4) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 4, 3, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 4, 2, 2) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 4, 2, 1, 1) = 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 4, 1, 3) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 4, 1, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 4, 1, 1, 2) = 3 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 4, 1, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 3, 5) = 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 3, 4, 1) = 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 3, 3, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 3, 3, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 3, 2, 3) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 3, 2, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 3, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 3, 2, 1, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 3, 1, 4) = 7^{11} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 3, 1, 3, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 3, 1, 2, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 3, 1, 2, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 3, 1, 1, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 3, 1, 1, 2, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 3, 1, 1, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 3, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 2, 6) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 2, 5, 1) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 2, 4, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 2, 4, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 2, 3, 3) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 2, 3, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 2, 3, 1, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 2, 3, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 2, 2, 4) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 2, 2, 3, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 2, 2, 2, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 2, 2, 2, 1, 1) = 7^{12} + 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 2, 2, 1, 3) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 2, 2, 1, 2, 1) = 3 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 2, 2, 1, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 2, 2, 1, 1, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 2, 1, 5) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 2, 1, 4, 1) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 2, 1, 3, 2) = 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 2, 1, 3, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 2, 1, 2, 3) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 2, 1, 2, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 2, 1, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 2, 1, 2, 1, 1, 1) = 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 2, 1, 1, 4) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 2, 1, 1, 3, 1) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 2, 1, 1, 2, 2) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 2, 1, 1, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 2, 1, 1, 1, 3) = 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 2, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 2, 1, 1, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 2, 1, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 7) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 6, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 5, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 5, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 4, 3) = 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 4, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 4, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 4, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 3, 4) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 3, 3, 1) = 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 3, 2, 2) = 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 3, 2, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 3, 1, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 3, 1, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 3, 1, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 3, 1, 1, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 2, 5) = 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 2, 4, 1) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 2, 3, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 2, 3, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 2, 2, 3) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 2, 2, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 2, 2, 1, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 2, 2, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 2, 1, 4) = 6 \cdot 7^{11} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 2, 1, 3, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 2, 1, 2, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 2, 1, 2, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 2, 1, 1, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 2, 1, 1, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 2, 1, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 6) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 5, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 4, 2) = 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 4, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 3, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 3, 2, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 3, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 3, 1, 1, 1) = 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 2, 4) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 2, 3, 1) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 2, 2, 2) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 2, 2, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 2, 1, 3) = 4 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 2, 1, 2, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 2, 1, 1, 2) = 2 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 2, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 4, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 3, 2) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 3, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 2, 3) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 2, 2, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 2, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 2, 1, 1) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 4) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 3, 1) = 2 \cdot 7^{11} + 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 2, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 9) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 8, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 7, 2) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 7, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 6, 3) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 6, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 6, 1, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 6, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 5, 4) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 5, 3, 1) = 4 \cdot 7^{11} + 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 5, 2, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 5, 2, 1, 1) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 5, 1, 3) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 5, 1, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 5, 1, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 5, 1, 1, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 4, 5) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 4, 4, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 4, 3, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 4, 3, 1, 1) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 4, 2, 3) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 4, 2, 2, 1) = 7^{11} + 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 4, 2, 1, 2) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 4, 2, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 4, 1, 4) = 7^{11} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 4, 1, 3, 1) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 4, 1, 2, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 4, 1, 2, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 4, 1, 1, 3) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 4, 1, 1, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 4, 1, 1, 1, 2) = 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 4, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 3, 6) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 3, 5, 1) = 7^{11} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 3, 4, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 3, 4, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 3, 3, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 3, 3, 2, 1) = 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 3, 3, 1, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 3, 3, 1, 1, 1) = 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 3, 2, 4) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 3, 2, 3, 1) = 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 3, 2, 2, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 3, 2, 2, 1, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 3, 2, 1, 3) = 5 \cdot 7^{12} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 3, 2, 1, 2, 1) = 3 \cdot 7^{11} + 7^{13} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 3, 2, 1, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 3, 2, 1, 1, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 3, 1, 5) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 3, 1, 4, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 3, 1, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 3, 1, 3, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 3, 1, 2, 3) = 4 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 3, 1, 2, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 3, 1, 2, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 3, 1, 2, 1, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 3, 1, 1, 4) = 7^{11} + 7^{12} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 3, 1, 1, 3, 1) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 3, 1, 1, 2, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 3, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 3, 1, 1, 1, 3) = 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 3, 1, 1, 1, 2, 1) = 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 3, 1, 1, 1, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 3, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 7) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 6, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 5, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 5, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 4, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 4, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 4, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 2, 4, 1, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 3, 4) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 3, 3, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 3, 2, 2) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 3, 2, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 3, 1, 3) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 3, 1, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 3, 1, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 3, 1, 1, 1) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 2, 5) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 2, 4, 1) = 4 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 2, 3, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 2, 3, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 2, 2, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 2, 2, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 2, 2, 1, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 2, 2, 1, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 2, 1, 4) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 2, 1, 3, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 2, 1, 2, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 2, 1, 2, 1, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 2, 1, 1, 3) = 6 \cdot 7^{12} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 2, 1, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 2, 1, 1, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 6) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 5, 1) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 4, 2) = 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 4, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 3, 3) = 7^{11} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 3, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 3, 1, 2) = 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 3, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 2, 4) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 2, 3, 1) = 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 2, 2, 2) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 2, 2, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 2, 1, 3) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 2, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 2, 1, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 5) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 4, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 3, 2) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 3, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 2, 3) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 2, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 2, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 2, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 4) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 3 \cdot 7^{15} + 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 2, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 3) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 2, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 8) = 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 7, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 6, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 6, 1, 1) = 5 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 5, 3) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 5, 2, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 5, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 5, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 4, 4) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 4, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 4, 2, 2) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 4, 2, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 4, 1, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 4, 1, 2, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 4, 1, 1, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 4, 1, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 3, 5) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{15} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 3, 4, 1) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 3, 3, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 3, 3, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 3, 2, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 3, 2, 2, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 3, 2, 1, 2) = 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 3, 2, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 3, 1, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 3, 1, 3, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 3, 1, 2, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 3, 1, 2, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 3, 1, 1, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 3, 1, 1, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 3, 1, 1, 1, 2) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 3, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 2, 6) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 2, 5, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 2, 4, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 2, 4, 1, 1) = 7^{11} + 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 3, 3) = 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 3, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 3, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 3, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 2, 2, 4) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 2, 2, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 2, 2, 2, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 2, 2, 2, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 2, 2, 1, 3) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 2, 2, 1, 2, 1) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 2, 2, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 2, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 2, 1, 5) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 2, 1, 4, 1) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 2, 1, 3, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 2, 1, 3, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 1, 2, 3) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 1, 2, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 1, 2, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 1, 2, 1, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 2, 1, 1, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 2, 1, 1, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 2, 1, 1, 2, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 2, 1, 1, 1, 3) = 3 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 2, 1, 1, 1, 1, 2) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 7) = 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 6, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 5, 2) = 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 5, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 4, 3) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 4, 2, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 4, 1, 2) = 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 4, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 3, 4) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 3, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 3, 2, 2) = 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 3, 2, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 3, 1, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 3, 1, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 3, 1, 1, 2) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 2, 5) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 2, 4, 1) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 3, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 2, 3) = 6 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 2, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 4) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2, 2) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 10) = 7^{11} + 2 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 9, 1) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 8, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 8, 1, 1) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 7, 3) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 7, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 7, 1, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 7, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 6, 4) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 6, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 6, 2, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 6, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 6, 1, 3) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 6, 1, 2, 1) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 6, 1, 1, 2) = 4 \cdot 7^{11} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 6, 1, 1, 1, 1) = 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 5, 5) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 5, 4, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 5, 3, 2) = 3 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 5, 3, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 5, 2, 3) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 5, 2, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 5, 2, 1, 2) = 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 5, 2, 1, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 5, 1, 4) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 5, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 5, 1, 2, 2) = 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 5, 1, 2, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 5, 1, 1, 3) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 5, 1, 1, 2, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 5, 1, 1, 1, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 5, 1, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 4, 6) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 4, 5, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 4, 4, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 4, 4, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 4, 3, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 4, 3, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 4, 3, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 4, 3, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 4, 2, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 4, 2, 3, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 4, 2, 2, 2) = 6 \cdot 7^{12} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 4, 2, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 4, 2, 1, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 4, 2, 1, 2, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 4, 2, 1, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 4, 2, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 4, 1, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 4, 1, 4, 1) = 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 4, 1, 3, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 4, 1, 3, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 4, 1, 2, 3) = 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 4, 1, 2, 2, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 4, 1, 2, 1, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 4, 1, 2, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 4, 1, 1, 4) = 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 4, 1, 1, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 4, 1, 1, 2, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 4, 1, 1, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 7^{14} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 4, 1, 1, 1, 3) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 4, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 4, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 4, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 7) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 6, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 5, 2) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{15} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 5, 1, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 4, 3) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 4, 2, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 4, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 4, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 3, 4) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 3, 3, 1) = 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 3, 2, 2) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 3, 2, 1, 1) = 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 3, 1, 3) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 3, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 3, 1, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 3, 1, 1, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 2, 5) = 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 2, 4, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 2, 3, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 2, 3, 1, 1) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 2, 2, 3) = 7^{12} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 2, 2, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 2, 2, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 2, 2, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 2, 1, 4) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 2, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 2, 1, 2, 2) = 5 \cdot 7^{12} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 2, 1, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 2, 1, 1, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 2, 1, 1, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 2, 1, 1, 1, 1) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 6) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 5, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 4, 2) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 4, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 3, 3) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 3, 2, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 3, 1, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 3, 1, 1, 1) = 6 \cdot 7^{12} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 2, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 2, 3, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 2, 2, 2) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 2, 2, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 2, 1, 3) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 2, 1, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 2, 1, 1, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 5) = 3 \cdot 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 4, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 3, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 3, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 2, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 2, 2, 1) = 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 2, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 2, 1, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 4) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 3, 1) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 2, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 2, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 3) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 8) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 7, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 6, 2) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 6, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 5, 3) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 5, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 5, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 5, 1, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 4, 4) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 4, 3, 1) = 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 4, 2, 2) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 4, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 4, 1, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 4, 1, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 4, 1, 1, 2) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 4, 1, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 3, 5) = 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 3, 4, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 3, 3, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 3, 3, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 3, 2, 3) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 3, 2, 2, 1) = 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 3, 2, 1, 2) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 3, 2, 1, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 3, 1, 4) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 3, 1, 3, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 3, 1, 2, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 3, 1, 2, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 3, 1, 1, 3) = 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 3, 1, 1, 2, 1) = 4 \cdot 7^{11} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 3, 1, 1, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 3, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 6) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 5, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 4, 2) = 6 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 4, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 3, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 3, 2, 1) = 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 3, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 3, 1, 1, 1) = 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 2, 4) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 2, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 2, 2, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 2, 2, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 2, 1, 3) = 7^{12} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 2, 1, 2, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 2, 1, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 2, 1, 1, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 5) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 4, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 3, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 3, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 2, 3) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 2, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 2, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 2, 1, 1, 1) = 6 \cdot 7^{11} + 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 4) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 3, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 2, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 2, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 3) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 2, 1) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 7) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 6, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 5, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 5, 1, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 4, 3) = 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 4, 2, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 4, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 4, 1, 1, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 3, 4) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 3, 3, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 3, 2, 2) = 7^{11} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 3, 2, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 3, 1, 3) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 3, 1, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 3, 1, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 3, 1, 1, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 5) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 4, 1) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 3, 2) = 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 3, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 2, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 2, 2, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 2, 1, 2) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 2, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 4) = 7^{12} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 3, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 2, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 2, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 2, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 2) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 6) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 5, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 4, 2) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 4, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 3, 3) = 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 3, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 3, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 3, 1, 1, 1) = 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 2, 4) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 2, 3, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 2, 2, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 2, 2, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 2, 1, 3) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 2, 1, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 2, 1, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 2, 1, 1, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 5) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 4, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 3, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 3, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 2, 3) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 2, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 2, 1, 2) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 4) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 3) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 9) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 8, 1) = 4 \cdot 7^{11} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 7, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 7, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 6, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 6, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 6, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 6, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 2, 2, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 2, 2, 1, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 2, 1, 3) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 2, 1, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 2, 1, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 2, 1, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 3, 1, 5) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1, 4, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 1, 3, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 3, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 2, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 2, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 2, 1, 2) = 7^{11} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 2, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 3, 1, 1, 4) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1, 1, 3, 1) = 2 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 1, 1, 2, 2) = 7^{11} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 1, 1, 3) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 1, 1, 1, 2) = 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 7) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 6, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 5, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 5, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 4, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 4, 2, 1) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 4, 1, 2) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 4, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 3, 4) = 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 3, 3, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 3, 2, 2) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 3, 2, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 3, 1, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 3, 1, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 3, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 3, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 5) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 4, 1) = 7^{12} + 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 3, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 3, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 2, 3) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 2, 2, 1) = 5 \cdot 7^{11} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 2, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 2, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 1, 4) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1, 3, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 1, 2, 2) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 2, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 1, 1, 3) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1, 1, 2, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 1, 1, 1, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 6) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 5, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 4, 2) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 4, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 3, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 3, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 3, 1, 2) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 3, 1, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 2, 4) = 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 2, 3, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 2, 2, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 2, 2, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 2, 1, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 2, 1, 2, 1) = 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 2, 1, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 2, 1, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 5) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 4, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 3, 2) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 3, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 2, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 2, 2, 1) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 2, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 2, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 4) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 3, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 2, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 2, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 3) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 8) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 7, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 6, 2) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 6, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 5, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 5, 2, 1) = 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 5, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 5, 1, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 4, 4) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 4, 3, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 4, 2, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 4, 2, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 4, 1, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 4, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 4, 1, 1, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 4, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 5) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 4, 1) = 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 3, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 3, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 2, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 2, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 2, 1, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 2, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 4) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 3, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 2, 2) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 2, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 2, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 6) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 5, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 4, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 4, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 3, 3) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 3, 2, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 3, 1, 2) = 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 3, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 4) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 3, 1) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 2, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 2, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 3) = 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 2, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 5) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 4, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 3, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{15} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 3, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 3) = 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 2) = 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 4) = 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 2, 1) = 7^{11} + 2 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 7) = 2 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 6, 1) = 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 5, 2) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 5, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 4, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 4, 2, 1) = 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 4, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 4, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 3, 4) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 3, 3, 1) = 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 3, 2, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 3, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 3, 1, 3) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 3, 1, 2, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 3, 1, 1, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 3, 1, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 5) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 4, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 3, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 3, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 2, 3) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 2, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 2, 1, 2) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 2, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 3, 1) = 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 2, 2) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 2, 1, 1) = 5 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 2, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 6) = 2 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 5, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 4, 2) = 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 4, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 3, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 2, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 4) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 3, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 5) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 4, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 2) = 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 3) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 2, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 2) = 7^{11} + 5 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 4) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 3) = 7^{11} + 2 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20}) \end{aligned}$$

4.13. weight 12 case.

$$\begin{aligned} \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(12) = O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(11, 1) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(10, 2) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(10, 1, 1) = 3 \cdot 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(9, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(9, 2, 1) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(9, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(9, 1, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(8, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(8, 3, 1) = 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(8, 2, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(8, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(8, 1, 3) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(8, 1, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(8, 1, 1, 2) = 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(8, 1, 1, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(7, 5) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(7, 4, 1) = 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(7, 3, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(7, 3, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(7, 2, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\ \zeta_7([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(7, 2, 2, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(7, 2, 1, 2) = 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(7, 2, 1, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(7, 1, 4) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(7, 1, 3, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(7, 1, 2, 2) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(7, 1, 2, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(7, 1, 1, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(7, 1, 1, 2, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(7, 1, 1, 1, 2) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(7, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(6, 6) = O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(6, 5, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(6, 4, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(6, 4, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(6, 3, 3) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(6, 3, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(6, 3, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(6, 3, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(6, 2, 4) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(6, 2, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(6, 2, 2, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(6, 2, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(6, 2, 1, 3) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(6, 2, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(6, 2, 1, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(6, 2, 1, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(6, 1, 5) = 5 \cdot 7^{11} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(6, 1, 4, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(6, 1, 3, 2) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(6, 1, 3, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(6, 1, 2, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(6, 1, 2, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(6, 1, 2, 1, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(6, 1, 2, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(6, 1, 1, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(6, 1, 1, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(6, 1, 1, 2, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(6, 1, 1, 2, 1, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(6, 1, 1, 1, 3) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(6, 1, 1, 1, 2, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(6, 1, 1, 1, 1, 2) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(6, 1, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(5, 7) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(5, 6, 1) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(5, 5, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(5, 5, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(5, 4, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(5, 4, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(5, 4, 1, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(5, 4, 1, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(5, 3, 4) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(5, 3, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(5, 3, 2, 2) = 4 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(5, 3, 2, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(5, 3, 1, 3) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(5, 3, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(5, 3, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(5, 3, 1, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(5, 2, 5) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(5, 2, 4, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(5, 2, 3, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(5, 2, 3, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(5, 2, 2, 3) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(5, 2, 2, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(5, 2, 2, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(5, 2, 2, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(5, 2, 1, 4) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(5, 2, 1, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(5, 2, 1, 2, 2) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(5, 2, 1, 2, 1, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(5, 2, 1, 1, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(5, 2, 1, 1, 2, 1) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(5, 2, 1, 1, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(5, 2, 1, 1, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(5, 1, 6) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(5, 1, 5, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(5, 1, 4, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(5, 1, 4, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(5, 1, 3, 3) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(5, 1, 3, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(5, 1, 3, 1, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(5, 1, 3, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(5, 1, 2, 4) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(5, 1, 2, 3, 1) = 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(5, 1, 2, 2, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(5, 1, 2, 2, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(5, 1, 2, 1, 3) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(5, 1, 2, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(5, 1, 2, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(5, 1, 2, 1, 1, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(5, 1, 1, 5) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(5, 1, 1, 4, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(5, 1, 1, 3, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(5, 1, 1, 3, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(5, 1, 1, 2, 3) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(5, 1, 1, 2, 2, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(5, 1, 1, 2, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(5, 1, 1, 2, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(5, 1, 1, 1, 4) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(5, 1, 1, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(5, 1, 1, 1, 2, 2) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(5, 1, 1, 1, 2, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(5, 1, 1, 1, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(5, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(5, 1, 1, 1, 1, 2) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(5, 1, 1, 1, 1, 1, 1) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(4, 8) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(4, 7, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(4, 6, 2) = 2 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(4, 6, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(4, 5, 3) = 5 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(4, 5, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(4, 5, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(4, 5, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(4, 4, 4) = O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(4, 4, 3, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(4, 4, 2, 2) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(4, 4, 2, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(4, 4, 1, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(4, 4, 1, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(4, 4, 1, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(4, 4, 1, 1, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(4, 3, 5) = 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(4, 3, 4, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(4, 3, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(4, 3, 3, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(4, 3, 2, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(4, 3, 2, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(4, 3, 2, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(4, 3, 2, 1, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(4, 3, 1, 4) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(4, 3, 1, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(4, 3, 1, 2, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(4, 3, 1, 2, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(4, 3, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(4, 3, 1, 1, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(4, 3, 1, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(4, 3, 1, 1, 1, 1) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(4, 2, 6) = 2 \cdot 7^{11} + 7^{12} + 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(4, 2, 5, 1) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(4, 2, 4, 2) = 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(4, 2, 4, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(4, 2, 3, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(4, 2, 3, 2, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(4, 2, 3, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(4, 2, 3, 1, 1, 1) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(4, 2, 2, 4) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(4, 2, 2, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(4, 2, 2, 2, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(4, 2, 2, 2, 1, 1) = 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(4, 2, 2, 1, 3) = 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(4, 2, 2, 1, 2, 1) = 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(4, 2, 2, 1, 1, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(4, 2, 2, 1, 1, 1, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(4, 2, 1, 5) = 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(4, 2, 1, 4, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(4, 2, 1, 3, 2) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(4, 2, 1, 3, 1, 1) = 2 \cdot 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(4, 2, 1, 2, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(4, 2, 1, 2, 2, 1) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(4, 2, 1, 2, 1, 2) = 5 \cdot 7^{11} + 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(4, 2, 1, 2, 1, 1, 1) = 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(4, 2, 1, 1, 4) = 5 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(4, 2, 1, 1, 3, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(4, 2, 1, 1, 2, 2) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(4, 2, 1, 1, 2, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(4, 2, 1, 1, 1, 3) = 6 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(4, 2, 1, 1, 1, 2, 1) = 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(4, 2, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(4, 2, 1, 1, 1, 1, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(4, 1, 7) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(4, 1, 6, 1) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(4, 1, 5, 2) = 2 \cdot 7^{12} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(4, 1, 5, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(4, 1, 4, 3) = 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(4, 1, 4, 2, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(4, 1, 4, 1, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(4, 1, 4, 1, 1, 1) = 3 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(4, 1, 3, 4) = 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(4, 1, 3, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(4, 1, 3, 2, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(4, 1, 3, 2, 1, 1) = 7^{12} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(4, 1, 3, 1, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(4, 1, 3, 1, 2, 1) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(4, 1, 3, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(4, 1, 3, 1, 1, 1, 1) = 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(4, 1, 2, 5) = 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(4, 1, 2, 4, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(4, 1, 2, 3, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(4, 1, 2, 3, 1, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(4, 1, 2, 2, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(4, 1, 2, 2, 2, 1) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(4, 1, 2, 2, 1, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(4, 1, 2, 2, 1, 1, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(4, 1, 2, 1, 4) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(4, 1, 2, 1, 3, 1) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(4, 1, 2, 1, 2, 2) = 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(4, 1, 2, 1, 2, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(4, 1, 2, 1, 1, 3) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(4, 1, 2, 1, 1, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(4, 1, 2, 1, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(4, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(4, 1, 1, 6) = 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(4, 1, 1, 5, 1) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(4, 1, 1, 4, 2) = 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(4, 1, 1, 4, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(4, 1, 1, 3, 3) = 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(4, 1, 1, 3, 2, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(4, 1, 1, 3, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(4, 1, 1, 3, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(4, 1, 1, 2, 4) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(4, 1, 1, 2, 3, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(4, 1, 1, 2, 2, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(4, 1, 1, 2, 2, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(4, 1, 1, 2, 1, 3) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(4, 1, 1, 2, 1, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(4, 1, 1, 2, 1, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(4, 1, 1, 2, 1, 1, 1, 1) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(4, 1, 1, 1, 5) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(4, 1, 1, 1, 4, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(4, 1, 1, 1, 3, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(4, 1, 1, 1, 3, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(4, 1, 1, 1, 2, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(4, 1, 1, 1, 2, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(4, 1, 1, 1, 2, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1, 2, 1, 1, 1) = 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(4, 1, 1, 1, 1, 4) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(4, 1, 1, 1, 1, 3, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(4, 1, 1, 1, 1, 2, 2) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(4, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(4, 1, 1, 1, 1, 1, 3) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(4, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(4, 1, 1, 1, 1, 1, 1, 2) = 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(4, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 9) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 8, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(3, 7, 2) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(3, 7, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 6, 3) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 6, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 6, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 6, 1, 1, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 5, 4) = 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 5, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 5, 2, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 5, 2, 1, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 5, 1, 3) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 5, 1, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 5, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 5, 1, 1, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 4, 5) = 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 4, 4, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 4, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 4, 3, 1, 1) = 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 4, 2, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 4, 2, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 4, 2, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 4, 2, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 4, 1, 4) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 4, 1, 3, 1) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 4, 1, 2, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 4, 1, 2, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 4, 1, 1, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 4, 1, 1, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 4, 1, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 4, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 3, 6) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 3, 5, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 3, 4, 2) = 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 3, 4, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 3, 3, 3) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 3, 3, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 3, 3, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 3, 3, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 3, 2, 4) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 3, 2, 3, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 3, 2, 2, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 3, 2, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 3, 2, 1, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 3, 2, 1, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 3, 2, 1, 1, 2) = 5 \cdot 7^{11} + 7^{13} + 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 3, 2, 1, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 3, 1, 5) = 2 \cdot 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 3, 1, 4, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 3, 1, 3, 2) = 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 3, 1, 3, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 3, 1, 2, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 3, 1, 2, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 3, 1, 2, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 3, 1, 2, 1, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 3, 1, 1, 4) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 3, 1, 1, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 3, 1, 1, 2, 2) = 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 3, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 3, 1, 1, 1, 3) = 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 3, 1, 1, 1, 2, 1) = 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 3, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 2, 7) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 2, 6, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(3, 2, 5, 2) = 4 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(3, 2, 5, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 2, 4, 3) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 2, 4, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 2, 4, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 2, 4, 1, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 2, 3, 4) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 2, 3, 3, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 2, 3, 2, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 2, 3, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 2, 3, 1, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 2, 3, 1, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 2, 3, 1, 1, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 2, 3, 1, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 2, 2, 5) = 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 2, 2, 4, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 2, 2, 3, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 2, 2, 3, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 2, 2, 2, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 2, 2, 2, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 2, 2, 2, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 2, 2, 2, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 2, 2, 1, 4) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 2, 2, 1, 3, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 2, 2, 1, 2, 2) = 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 2, 2, 1, 2, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 2, 2, 1, 1, 3) = 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 2, 2, 1, 1, 2, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 2, 2, 1, 1, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 2, 1, 6) = 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 2, 1, 5, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 2, 1, 4, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 2, 1, 4, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 2, 1, 3, 3) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 2, 1, 3, 2, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 2, 1, 3, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 2, 1, 3, 1, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 2, 1, 2, 4) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 2, 1, 2, 3, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 2, 1, 2, 2, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 2, 1, 2, 2, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 2, 1, 2, 1, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 2, 1, 2, 1, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 2, 1, 2, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 2, 1, 1, 5) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 2, 1, 1, 4, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 2, 1, 1, 3, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{15} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 2, 1, 1, 3, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 2, 1, 1, 2, 3) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 2, 1, 1, 2, 2, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 2, 1, 1, 2, 1, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 2, 1, 1, 1, 4) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 2, 1, 1, 1, 3, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 2, 1, 1, 1, 2, 2) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 2, 1, 1, 1, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 2, 1, 1, 1, 1, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 2, 1, 1, 1, 1, 1, 2) = 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 2, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 8) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 7, 1) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 6, 2) = 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 6, 1, 1) = 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 5, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 5, 2, 1) = 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 5, 1, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 5, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 4, 4) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 4, 3, 1) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 4, 2, 2) = 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 4, 2, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 4, 1, 3) = 3 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 4, 1, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 4, 1, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 4, 1, 1, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 3, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 3, 4, 1) = 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 3, 3, 2) = 3 \cdot 7^{13} + 2 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 3, 3, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 3, 2, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 3, 2, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 3, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 3, 2, 1, 1, 1) = 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 3, 1, 4) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 3, 1, 3, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 3, 1, 2, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{14} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 3, 1, 2, 1, 1) = 5 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 3, 1, 1, 3) = 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 3, 1, 1, 2, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 3, 1, 1, 1, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 3, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 2, 6) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 2, 5, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 2, 4, 2) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 2, 4, 1, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 2, 3, 3) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 2, 3, 2, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 2, 3, 1, 2) = 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 2, 3, 1, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 2, 2, 4) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 2, 2, 3, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 2, 2, 2, 2) = 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 2, 2, 2, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 2, 2, 1, 3) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 2, 2, 1, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{17} + 4 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 2, 2, 1, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 2, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 2, 1, 5) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 2, 1, 4, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 2, 1, 3, 2) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 2, 1, 3, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 2, 1, 2, 3) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 2, 1, 2, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 2, 1, 2, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 2, 1, 2, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 2, 1, 1, 4) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 2, 1, 1, 3, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 2, 1, 1, 2, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 2, 1, 1, 1, 3) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 2, 1, 1, 1, 2, 1) = 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 2, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 7) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 6, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 5, 2) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 5, 1, 1) = 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 4, 3) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 4, 2, 1) = 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 4, 1, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 4, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 3, 4) = 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 3, 3, 1) = 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 3, 2, 2) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 3, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 3, 1, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 3, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 3, 1, 1, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 3, 1, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 2, 5) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 2, 4, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 2, 3, 2) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 2, 3, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 2, 2, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 2, 2, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 2, 2, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 2, 2, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 2, 1, 4) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 2, 1, 3, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 2, 1, 2, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 2, 1, 1, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 2, 1, 1, 2, 1) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 2, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 6) = 2 \cdot 7^{11} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 5, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 4, 2) = 7^{11} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 4, 1, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 3, 3) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 3, 2, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 3, 1, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 3, 1, 1, 1) = 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 2, 4) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 2, 3, 1) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 2, 2, 2) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 2, 2, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 2, 1, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 2, 1, 2, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 2, 1, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 5) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 4, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 3, 2) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 3, 1, 1) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 2, 3) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 2, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 2, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 4) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 3, 1) = 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 2, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 10) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 9, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 8, 2) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 8, 1, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 7, 3) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 7, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 7, 1, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 7, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 6, 4) = 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 6, 3, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 6, 2, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 6, 2, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 6, 1, 3) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 6, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 6, 1, 1, 2) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 6, 1, 1, 1, 1) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 5, 5) = 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 5, 4, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 5, 3, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 5, 3, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 5, 2, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 5, 2, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 5, 2, 1, 2) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 5, 2, 1, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 5, 1, 4) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 5, 1, 3, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 5, 1, 2, 2) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 5, 1, 2, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 5, 1, 1, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 5, 1, 1, 2, 1) = 7^{11} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 5, 1, 1, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 5, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 4, 6) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 4, 5, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 4, 4, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 4, 4, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 4, 3, 3) = 2 \cdot 7^{12} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 4, 3, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 4, 3, 1, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 4, 3, 1, 1, 1) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 4, 2, 4) = 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 4, 2, 3, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 4, 2, 2, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 4, 2, 2, 1, 1) = 3 \cdot 7^{12} + 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 4, 2, 1, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 4, 2, 1, 2, 1) = 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 4, 2, 1, 1, 2) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 4, 2, 1, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 4, 1, 5) = 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 4, 1, 4, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 4, 1, 3, 2) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 4, 1, 3, 1, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 4, 1, 2, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 4, 1, 2, 2, 1) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 4, 1, 2, 1, 2) = 7^{11} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 4, 1, 2, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 4, 1, 1, 4) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 4, 1, 1, 3, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 4, 1, 1, 2, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 4, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 4, 1, 1, 1, 3) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 4, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 4, 1, 1, 1, 1, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 4, 1, 1, 1, 1, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 3, 7) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 3, 6, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 3, 5, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{15} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 3, 5, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 3, 4, 3) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 3, 4, 2, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 3, 4, 1, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 3, 4, 1, 1, 1) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 3, 3, 4) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 3, 3, 3, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 3, 3, 2, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 3, 3, 2, 1, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 3, 3, 1, 3) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 3, 3, 1, 2, 1) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 3, 3, 1, 1, 2) = 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 3, 3, 1, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 3, 2, 5) = 4 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 3, 2, 4, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 3, 2, 3, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 3, 2, 3, 1, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 3, 2, 2, 3) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 3, 2, 2, 2, 1) = 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 3, 2, 2, 1, 2) = 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 3, 2, 2, 1, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 3, 1, 1, 1, 2, 2) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 3, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 3, 1, 1, 1, 1, 3) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 3, 1, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 3, 1, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 3, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 8) = 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 7, 1) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 6, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 6, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 5, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 5, 2, 1) = 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 5, 1, 2) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 2, 5, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 4, 4) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 4, 3, 1) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 4, 2, 2) = 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 4, 2, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 4, 1, 3) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 4, 1, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 4, 1, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 4, 1, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 3, 5) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 3, 4, 1) = 4 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 3, 3, 2) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 3, 3, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 3, 2, 3) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 3, 2, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 3, 2, 1, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 3, 2, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 3, 1, 4) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 3, 1, 3, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 3, 1, 2, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 3, 1, 2, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 3, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 3, 1, 1, 2, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 3, 1, 1, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 3, 1, 1, 1, 1) = 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 2, 6) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 2, 5, 1) = 4 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 2, 4, 2) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 2, 4, 1, 1) = 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 2, 3, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 2, 3, 2, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 2, 3, 1, 2) = 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 2, 2, 3, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 2, 2, 4) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 2, 2, 3, 1) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 2, 2, 2, 2) = O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 2, 2, 2, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 2, 2, 1, 3) = 5 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 2, 2, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 2, 2, 1, 1, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 2, 2, 1, 1, 1) = 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 2, 1, 5) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 2, 1, 4, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 2, 1, 3, 2) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 2, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 2, 1, 2, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 2, 1, 2, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 2, 1, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 2, 1, 2, 1, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 2, 1, 1, 4) = 3 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 2, 1, 1, 3, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 2, 1, 1, 2, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 2, 1, 1, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 2, 1, 1, 1, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 2, 1, 1, 1, 2, 1) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 7) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 6, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 5, 2) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 5, 1, 1) = 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 4, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 4, 2, 1) = 5 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 4, 1, 2) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 4, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 3, 4) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 3, 3, 1) = 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 3, 2, 2) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 3, 2, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 3, 1, 3) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 3, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 3, 1, 1, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 3, 1, 1, 1, 1) = 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 2, 5) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 2, 4, 1) = 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 2, 3, 2) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 2, 3, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 2, 2, 3) = 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 2, 2, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 2, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 2, 2, 1, 1, 1) = 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 2, 1, 4) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 2, 1, 3, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 2, 1, 2, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 2, 1, 2, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 2, 1, 1, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 2, 1, 1, 2, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 6) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 5, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 4, 2) = 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 4, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 3, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 3, 2, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 3, 1, 2) = 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 3, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 2, 4) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 2, 3, 1) = 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 2, 2, 2) = 3 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 2, 2, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 2, 1, 3) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 2, 1, 2, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 2, 1, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 5) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 4, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 3, 2) = 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 3, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 2, 3) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 2, 2, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 2, 1, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 4) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 3, 1) = 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 2, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 3) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 9) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 8, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 7, 2) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 7, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 6, 3) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 6, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 6, 1, 2) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 6, 1, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 5, 4) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 5, 3, 1) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 5, 2, 2) = 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 5, 2, 1, 1) = 6 \cdot 7^{11} + 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 5, 1, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 5, 1, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 5, 1, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 5, 1, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 4, 5) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 4, 4, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 4, 3, 2) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 4, 3, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 4, 2, 3) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 4, 2, 2, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 4, 2, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{15} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 4, 2, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 4, 1, 4) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 4, 1, 3, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 4, 1, 2, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 4, 1, 2, 1, 1) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 4, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 4, 1, 1, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 4, 1, 1, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 4, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 3, 6) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 3, 5, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 3, 4, 2) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 3, 4, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 3, 3, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 3, 3, 2, 1) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 3, 3, 1, 2) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 3, 3, 1, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 3, 2, 4) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 3, 2, 3, 1) = 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 3, 2, 2, 2) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 3, 2, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 3, 2, 1, 3) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 3, 2, 1, 2, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 3, 2, 1, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 3, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 3, 1, 5) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 3, 1, 4, 1) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 3, 1, 3, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 3, 1, 3, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 3, 1, 2, 3) = 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 3, 1, 2, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{14} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 3, 1, 2, 1, 2) = 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 3, 1, 1, 4) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 3, 1, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 3, 1, 1, 2, 2) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 3, 1, 1, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 3, 1, 1, 1, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 3, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 3, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 2, 7) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 2, 6, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 2, 5, 2) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 2, 5, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 4, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 4, 2, 1) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 4, 1, 2) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 4, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 2, 3, 4) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 2, 3, 3, 1) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 2, 3, 2, 2) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 2, 3, 2, 1, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 2, 3, 1, 3) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 2, 3, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 2, 3, 1, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 2, 3, 1, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 2, 2, 5) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 2, 2, 4, 1) = 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 2, 2, 3, 2) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 2, 2, 3, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 2, 2, 3) = 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 2, 2, 2, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 2, 2, 1, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 2, 2, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 2, 2, 1, 4) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 2, 2, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 2, 2, 1, 2, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 2, 2, 1, 2, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 2, 2, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 2, 2, 1, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 2, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 2, 2, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 2, 1, 6) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 2, 1, 5, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 2, 1, 4, 2) = 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 2, 1, 4, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 2, 1, 3, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 2, 1, 3, 2, 1) = 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 2, 1, 3, 1, 2) = 3 \cdot 7^{13} + 2 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 2, 1, 3, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 4, 2, 2) = 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 4, 2, 1, 1) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 4, 1, 3) = 7^{11} + 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 4, 1, 2, 1) = 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 4, 1, 1, 2) = 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 4, 1, 1, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 3, 5) = 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 3, 4, 1) = 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 3, 3, 2) = 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 3, 3, 1, 1) = 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 3, 2, 3) = 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 3, 2, 2, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 3, 2, 1, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 3, 2, 1, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 3, 1, 4) = 4 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 3, 1, 3, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 3, 1, 2, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 3, 1, 2, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 3, 1, 1, 3) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 3, 1, 1, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 3, 1, 1, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 3, 1, 1, 1, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 2, 6) = 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 2, 5, 1) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 4, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 4, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 3, 3) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 3, 2, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 2, 3, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 2, 3, 1, 1, 1) = 5 \cdot 7^{12} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 2, 2, 4) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 2, 2, 3, 1) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 2, 2, 2) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 2, 2, 1, 1) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 2, 1, 3) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 2, 1, 2, 1) = 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 2, 2, 1, 1, 2) = 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 2, 2, 1, 1, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 2, 1, 5) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 2, 1, 4, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 1, 3, 2) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 3, 1, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 1, 2, 3) = 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 1, 2, 2, 1) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 2, 1, 2, 1, 2) = 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 2, 1, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 2, 1, 1, 4) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1, 3, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 2, 1, 1, 2, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 2, 1, 1, 1, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1, 1, 2, 1) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 2, 1, 1, 1, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 7) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 6, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 5, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 5, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 4, 3) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 4, 2, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 4, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 4, 1, 1, 1) = 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 3, 4) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 3, 3, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 3, 2, 2) = 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 3, 2, 1, 1) = 6 \cdot 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 3, 1, 3) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 3, 1, 2, 1) = 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 3, 1, 1, 2) = 2 \cdot 7^{12} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 3, 1, 1, 1) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 2, 5) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 4, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 2, 3, 2) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 2, 3, 1, 1) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 2, 2, 3) = 7^{11} + 7^{12} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 2, 2, 1) = 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 2, 2, 1, 2) = 4 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 2, 2, 1, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 2, 1, 4) = 6 \cdot 7^{12} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 2, 1, 2, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{15} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 2, 1, 1, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1, 1, 2, 1) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 2, 1, 1, 1, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 6) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 5, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 4, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 4, 1, 1) = 6 \cdot 7^{11} + 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 3, 3) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 3, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 3, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 3, 1, 1, 1) = 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2, 4) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 2, 3, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2, 2, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 2, 1, 2, 1) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 7^{12} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 5) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 4, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 3, 2) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 2, 3) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 2, 1, 2) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 1, 3) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 11) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 10, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 9, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 9, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 8, 3) = 2 \cdot 7^{11} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 8, 2, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 8, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 8, 1, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 7, 4) = 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 7, 3, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 7, 2, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 7, 2, 1, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 7, 1, 3) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 7, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 7, 1, 1, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 7, 1, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 6, 5) = 4 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 6, 4, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 6, 3, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 6, 3, 1, 1) = 6 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 6, 2, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 6, 2, 2, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 6, 2, 1, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 6, 2, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 6, 1, 4) = 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 6, 1, 3, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 6, 1, 2, 2) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 6, 1, 2, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 6, 1, 1, 3) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 6, 1, 1, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 6, 1, 1, 1, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 6, 1, 1, 1, 1, 1) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 5, 6) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 5, 5, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 5, 4, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 5, 4, 1, 1) = 5 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 5, 3, 3) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 5, 3, 2, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 5, 3, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 5, 3, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 5, 2, 4) = 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 5, 2, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 5, 2, 2, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 5, 2, 2, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 5, 2, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 5, 2, 1, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 5, 2, 1, 1, 2) = 6 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 5, 2, 1, 1, 1, 1) = 7^{11} + 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 5, 1, 5) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 5, 1, 4, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 5, 1, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 5, 1, 3, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 5, 1, 2, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 5, 1, 2, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 5, 1, 2, 1, 2) = 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 5, 1, 2, 1, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 5, 1, 1, 4) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 5, 1, 1, 3, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 5, 1, 1, 2, 2) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 5, 1, 1, 2, 1, 1) = 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 5, 1, 1, 1, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 5, 1, 1, 1, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 5, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 5, 1, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 4, 7) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 4, 6, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 4, 5, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 4, 5, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 4, 4, 3) = 6 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 4, 4, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 4, 4, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 4, 4, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 4, 3, 4) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 4, 3, 3, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 4, 3, 2, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 4, 3, 2, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 4, 3, 1, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 4, 3, 1, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 4, 3, 1, 1, 2) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 4, 3, 1, 1, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 4, 2, 5) = 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 4, 2, 4, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 4, 2, 3, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 4, 2, 3, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 4, 2, 2, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 4, 2, 2, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 4, 2, 2, 1, 2) = 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 4, 2, 2, 1, 1, 1) = 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 4, 2, 1, 4) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 6 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 4, 2, 1, 3, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 4, 2, 1, 2, 2) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 4, 2, 1, 2, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 4, 2, 1, 1, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 4, 2, 1, 1, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 4, 2, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 4, 2, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 4, 1, 6) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 4, 1, 5, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 4, 1, 4, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 4, 1, 4, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 4, 1, 3, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 4, 1, 3, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 4, 1, 3, 1, 2) = 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 4, 1, 3, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 4, 1, 2, 4) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 4, 1, 2, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 4, 1, 2, 2, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 4, 1, 2, 2, 1, 1) = 3 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 4, 1, 2, 1, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 4, 1, 2, 1, 2, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 4, 1, 2, 1, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 4, 1, 2, 1, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 4, 1, 1, 5) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 4, 1, 1, 4, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 4, 1, 1, 3, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 4, 1, 1, 3, 1, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 4, 1, 1, 2, 3) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 4, 1, 1, 2, 2, 1) = 2 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 4, 1, 1, 2, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 4, 1, 1, 2, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 4, 1, 1, 1, 4) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 4, 1, 1, 1, 3, 1) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 4, 1, 1, 1, 2, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 4, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 4, 1, 1, 1, 1, 3) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 4, 1, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 4, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 4, 1, 1, 1, 1, 1, 1, 1) = 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 8) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 7, 1) = 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 6, 2) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 6, 1, 1) = 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 5, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 5, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 5, 1, 2) = 6 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 5, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 4, 4) = 4 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 4, 3, 1) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 4, 2, 2) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 4, 2, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 4, 1, 3) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 4, 1, 2, 1) = 4 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 4, 1, 1, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 4, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 3, 5) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 3, 4, 1) = 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 3, 3, 2) = 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 3, 3, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 3, 2, 3) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 3, 2, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 3, 2, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 3, 2, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 3, 1, 4) = 2 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 3, 1, 3, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 3, 1, 2, 2) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 3, 1, 2, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 3, 1, 1, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 3, 1, 1, 2, 1) = 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 3, 1, 1, 1, 2) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 3, 1, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 2, 6) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 2, 5, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 2, 4, 2) = 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 2, 4, 1, 1) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 2, 3, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{15} + 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 2, 3, 2, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 2, 3, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 2, 3, 1, 1, 1) = 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 2, 2, 4) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 2, 2, 3, 1) = 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 2, 2, 2, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 2, 2, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 2, 2, 1, 3) = 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 2, 2, 1, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 2, 2, 1, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 2, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 2, 1, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 2, 1, 4, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 2, 1, 3, 2) = 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 2, 1, 3, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 2, 1, 2, 3) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 2, 1, 2, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 2, 1, 2, 1, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 2, 1, 2, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 2, 1, 1, 4) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 2, 1, 1, 3, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 2, 1, 1, 2, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 2, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 2, 1, 1, 1, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 2, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 2, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 7) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 6, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 5, 2) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 5, 1, 1) = 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 4, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 4, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 4, 1, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 4, 1, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 3, 4) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 3, 3, 1) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 3, 2, 2) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 3, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 3, 1, 3) = O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 3, 1, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 3, 1, 1, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 3, 1, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 2, 5) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 2, 4, 1) = 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 2, 3, 2) = 3 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 2, 3, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 2, 2, 3) = 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 2, 2, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 2, 2, 1, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 2, 2, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 2, 1, 4) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 2, 1, 3, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 2, 1, 2, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 2, 1, 2, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{14} + 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 2, 1, 1, 3) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 2, 1, 1, 2, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 2, 1, 1, 1, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 2, 1, 1, 1, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 6) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 5, 1) = 4 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 4, 2) = 7^{11} + 7^{12} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 4, 1, 1) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 3, 3) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 3, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 3, 1, 2) = 3 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 3, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 2, 4) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 2, 3, 1) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 2, 2, 2) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 2, 2, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 2, 1, 3) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 2, 1, 2, 1) = 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 2, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 2, 1, 1, 1) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 5) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 4, 1) = 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 3, 2) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 3, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 2, 3) = 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 2, 2, 1) = 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 2, 1, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 4) = 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 3, 1) = 7^{11} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 2, 2) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 3) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 9) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 8, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 7, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 7, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 6, 3) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 6, 2, 1) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 6, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 6, 1, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 5, 4) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 5, 3, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 5, 2, 2) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 5, 2, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 5, 1, 3) = 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 5, 1, 2, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 5, 1, 1, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 5, 1, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 4, 5) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 4, 4, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 4, 3, 2) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 4, 3, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 4, 2, 3) = 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 4, 2, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 4, 2, 1, 2) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 4, 2, 1, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 4, 1, 4) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 4, 1, 3, 1) = 2 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 4, 1, 2, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 4, 1, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 4, 1, 1, 3) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 4, 1, 1, 2, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 4, 1, 1, 1, 2) = 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 4, 1, 1, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 3, 6) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 3, 5, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 3, 4, 2) = 7^{11} + 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 3, 4, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 3, 3, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 3, 3, 2, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 3, 3, 1, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 3, 3, 1, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 3, 2, 4) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 3, 2, 3, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 3, 2, 2, 2) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 3, 2, 2, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 3, 2, 1, 3) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 3, 2, 1, 2, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 3, 2, 1, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 3, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 3, 1, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 3, 1, 4, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 3, 1, 3, 2) = 7^{12} + 3 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 3, 1, 3, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 3, 1, 2, 3) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 3, 1, 2, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 3, 1, 2, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 3, 1, 2, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 3, 1, 1, 4) = 4 \cdot 7^{12} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 3, 1, 1, 3, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 3, 1, 1, 2, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 3, 1, 1, 2, 1, 1) = 5 \cdot 7^{11} + 7^{13} + 7^{14} + 7^{15} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 3, 1, 1, 1, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 3, 1, 1, 1, 2, 1) = 7^{11} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 3, 1, 1, 1, 1, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 3, 1, 1, 1, 1, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 7) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 6, 1) = 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 5, 2) = 7^{11} + 7^{12} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 5, 1, 1) = 5 \cdot 7^{11} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 4, 3) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 4, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 4, 1, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 4, 1, 1, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 3, 4) = 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 3, 3, 1) = 5 \cdot 7^{11} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 3, 2, 2) = 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 3, 2, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 3, 1, 3) = 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 3, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 3, 1, 1, 2) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 3, 1, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 2, 5) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 2, 4, 1) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 2, 3, 2) = 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 2, 3, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 2, 2, 3) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 2, 2, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 2, 2, 1, 2) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 2, 2, 1, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 2, 1, 4) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 2, 1, 3, 1) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 2, 1, 2, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 2, 1, 2, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 2, 1, 1, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 2, 1, 1, 2, 1) = 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 2, 1, 1, 1, 2) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 2, 1, 1, 1, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 6) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 5, 1) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 4, 2) = 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 4, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 3, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 3, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 3, 1, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 3, 1, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 2, 4) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 2, 3, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 2, 2, 2) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 2, 2, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 2, 1, 3) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 2, 1, 2, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 2, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 2, 1, 1, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 5) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 4, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 3, 2) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 3, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 2, 3) = 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 2, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 2, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 2, 1, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 4) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 2, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 2, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{16} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 2, 1) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 8) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 7, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 6, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 6, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 5, 3) = 7^{11} + 6 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 5, 2, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 5, 1, 2) = 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 5, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 4, 4) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 4, 3, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 4, 2, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 4, 2, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 4, 1, 3) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 4, 1, 2, 1) = 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 4, 1, 1, 2) = 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 4, 1, 1, 1, 1) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 3, 5) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 3, 4, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 3, 3, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 3, 3, 1, 1) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 3, 2, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 3, 2, 2, 1) = 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 3, 2, 1, 2) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 3, 2, 1, 1, 1) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 3, 1, 4) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 3, 1, 3, 1) = 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 3, 1, 2, 2) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 3, 1, 2, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 3, 1, 1, 3) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 3, 1, 1, 2, 1) = 4 \cdot 7^{11} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 3, 1, 1, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 6) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 5, 1) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 4, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 4, 1, 1) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 3, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 3, 2, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 3, 1, 2) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 3, 1, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 2, 4) = 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 2, 3, 1) = 3 \cdot 7^{11} + 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 2, 2, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 2, 2, 1, 1) = 5 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 2, 1, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{15} + 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 2, 1, 2, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 2, 1, 1, 2) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 5) = 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 4, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 3, 1, 1) = 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 2, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 2, 2, 1) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 2, 1, 2) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 4) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 3, 1) = 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 2, 2) = 2 \cdot 7^{12} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 3) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 2, 1) = 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 7) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 6, 1) = 5 \cdot 7^{12} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 5, 2) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 5, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 4, 3) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 4, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 4, 1, 2) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 4, 1, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 3, 4) = 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 3, 3, 1) = 3 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 3, 2, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 3, 2, 1, 1) = 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 2, 1, 1, 2) = 5 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 5) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 4, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 3, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 3) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 2, 1) = 5 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 1, 2) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 4) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 7^{11} + 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 10) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 9, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 8, 2) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 8, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 7, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 7, 2, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 7, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 7, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 6, 4) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 6, 3, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 6, 2, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 6, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 6, 1, 3) = 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 6, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 6, 1, 1, 2) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 6, 1, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 5, 5) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 5, 4, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 5, 3, 2) = 6 \cdot 7^{11} + 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 5, 3, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 5, 2, 3) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 5, 2, 2, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 5, 2, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 5, 2, 1, 1, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 5, 1, 4) = 7^{12} + 5 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 5, 1, 3, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 5, 1, 2, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 5, 1, 2, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 5, 1, 1, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 5, 1, 1, 2, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 5, 1, 1, 1, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 5, 1, 1, 1, 1, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 4, 6) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 4, 5, 1) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 4, 4, 2) = 2 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 4, 4, 1, 1) = 3 \cdot 7^{12} + 5 \cdot 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 4, 3, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 4, 3, 2, 1) = 3 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 4, 3, 1, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 4, 3, 1, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 4, 2, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 4, 2, 3, 1) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 4, 2, 2, 2) = 3 \cdot 7^{11} + 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 4, 2, 2, 1, 1) = 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 4, 2, 1, 3) = 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 4, 2, 1, 2, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 4, 2, 1, 1, 2) = 5 \cdot 7^{11} + 7^{13} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 4, 2, 1, 1, 1, 1) = 5 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 4, 1, 5) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 4, 1, 4, 1) = 7^{11} + 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 4, 1, 3, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 4, 1, 3, 1, 1) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 4, 1, 2, 3) = 4 \cdot 7^{12} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 4, 1, 2, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 4, 1, 2, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 4, 1, 2, 1, 1, 1) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 4, 1, 1, 4) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 4, 1, 1, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 4, 1, 1, 2, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 4, 1, 1, 2, 1, 1) = 2 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 4, 1, 1, 1, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 4, 1, 1, 1, 2, 1) = 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 4, 1, 1, 1, 1, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 4, 1, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{16} + 2 \cdot 7^{17} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 3, 7) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 3, 6, 1) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 5, 2) = 6 \cdot 7^{12} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 5, 1, 1) = 5 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 4, 3) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 4, 2, 1) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 3, 4, 1, 2) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 3, 4, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 3, 3, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 3, 3, 1) = 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 3, 2, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 3, 2, 1, 1) = 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 3, 1, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 3, 1, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 3, 1, 1, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 3, 1, 1, 1, 1) = 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{17} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 3, 2, 5) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 3, 2, 4, 1) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 2, 3, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 2, 3, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 2, 2, 3) = 2 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 2, 2, 2, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{16} + 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 2, 2, 1, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 2, 2, 1, 1, 1) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 2, 1, 4) = 5 \cdot 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 2, 1, 3, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 2, 1, 2, 2) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 2, 1, 2, 1, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 2, 1, 1, 3) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{14} + 6 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 2, 1, 1, 2, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 2, 1, 1, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 2, 1, 1, 1, 1, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 3, 1, 6) = 3 \cdot 7^{11} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1, 5, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 1, 4, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 4, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 3, 3) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 3, 2, 1) = 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 3, 1, 2) = 6 \cdot 7^{11} + 4 \cdot 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 3, 1, 1, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 3, 1, 2, 4) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1, 2, 3, 1) = 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 3, 1, 2, 2, 2) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 2, 2, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 2, 1, 3) = 2 \cdot 7^{12} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 2, 1, 2, 1) = 3 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 3, 1, 2, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{16} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 3, 1, 2, 1, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 3, 1, 1, 5) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 3, 1, 1, 4, 1) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 3, 1, 1, 3, 2) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 3, 1, 1, 3, 1, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 7^{16} + 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 3, 1, 1, 2, 3) = 2 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 3, 1, 1, 2, 2, 1) = 3 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 3, 1, 4) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 3, 1, 3, 1) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 3, 1, 2, 2) = 6 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 3, 1, 2, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 3, 1, 1, 3) = 6 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 3, 1, 1, 2, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 3, 1, 1, 1, 2) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 3, 1, 1, 1, 1, 1) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 6) = 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 5, 1) = 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 4, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 4, 1, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 3, 3) = 6 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 3, 2, 1) = 2 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{16} + 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 3, 1, 2) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 3, 1, 1, 1) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 2, 4) = 4 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 2, 3, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{14} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 2, 2, 2) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 2, 2, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 2, 1, 3) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 2, 1, 2, 1) = 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 2, 1, 1, 2) = 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 2, 1, 1, 1, 1) = 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 1, 5) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1, 4, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 2, 2, 1, 3, 2) = 5 \cdot 7^{11} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 3, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 2, 2, 1, 2, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1, 2, 2, 1) = 3 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 2, 2, 1, 2, 1, 2) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 2, 2, 1, 2, 1, 1, 1) = 7^{11} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 2, 2, 1, 1, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 2, 2, 1, 1, 3, 1) = 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20})
 \end{aligned}$$







$$\begin{aligned}
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 6) = 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 5, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{13} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 4, 2) = 6 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 4, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 3, 3) = 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 3, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 3, 1, 2) = 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 3, 1, 1, 1) = 2 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 2, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 2, 3, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 2, 2, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 2, 2, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 2, 1, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 2, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 2, 1, 1, 2) = 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 2, 1, 1, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 5) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 4, 1) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 3, 1, 1) = 5 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 2, 3) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 2, 2, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 2, 1, 2) = 2 \cdot 7^{12} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 2, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 4) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 3, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 7^{13} + 7^{14} + 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 2, 2) = 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 2, 1, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 3) = 5 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 1, 2) = 5 \cdot 7^{11} + 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{16} + 5 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 7) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 6, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{15} + 4 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 5, 2) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 5, 1, 1) = 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 4, 3) = 4 \cdot 7^{12} + 2 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 4, 2, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 4, 1, 2) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 4, 1, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 3, 4) = 4 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 3, 3, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 3, 2, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 3, 2, 1, 1) = 5 \cdot 7^{11} + 2 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 3, 1, 3) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 3, 1, 2, 1) = 2 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 3, 1, 1, 2) = 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 3, 1, 1, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 2 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 5) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 4, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 3, 2) = 5 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 7^{16} + 6 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 3, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 4 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 2, 3) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 2, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 2, 1, 2) = 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 2, 1, 1, 1) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 4) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 3, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 2, 2) = 4 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 2, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{15} + 2 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 3) = 7^{12} + 2 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 1, 2) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 6) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 5, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 4, 2) = 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 4 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 4, 1, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 3, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 3, 2, 1) = 6 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 3, 1, 2) = 2 \cdot 7^{11} + 4 \cdot 7^{12} + 4 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 3, 1, 1, 1) = 4 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 2 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 4) = 6 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 3, 1) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 2, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{15} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 2, 1, 1) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 5 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 3) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 7^{14} + 7^{16} + 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{14} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 1, 2) = 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 2, 1, 1, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 5) = 6 \cdot 7^{11} + 5 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 4, 1) = 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 7^{14} + 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 3, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 3, 1, 1) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 3) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 2, 1) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 1, 2) = 5 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 7^{15} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{16} + 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 4) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 3, 1) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 4 \cdot 7^{14} + 2 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 2, 2) = 7^{12} + 3 \cdot 7^{13} + 7^{14} + 4 \cdot 7^{15} + 6 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 3) = 4 \cdot 7^{12} + 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{14} + 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 8) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 7, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 7^{14} + 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 6, 2) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 3 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 6, 1, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 5, 3) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 5 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
 \zeta_7([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 5, 2, 1) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{14} + 7^{15} + 7^{16} + 2 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20})
 \end{aligned}$$





$$\begin{aligned}
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 3, 2, 2) = 4 \cdot 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 2, 1, 1) = 5 \cdot 7^{11} + 7^{12} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 3) = 5 \cdot 7^{11} + 7^{12} + 4 \cdot 7^{13} + 5 \cdot 7^{14} + 6 \cdot 7^{15} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 2, 1) = 6 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 3, 1, 1, 1) = 7^{13} + 4 \cdot 7^{14} + 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 5) = 2 \cdot 7^{12} + 7^{13} + 3 \cdot 7^{14} + 6 \cdot 7^{15} + 2 \cdot 7^{16} + 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 4, 1) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 3, 2) = 4 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 3, 1, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 4 \cdot 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 3) = 5 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{17} + 4 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 2, 1) = 6 \cdot 7^{11} + 4 \cdot 7^{12} + 7^{13} + 2 \cdot 7^{14} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 1, 2) = 2 \cdot 7^{11} + 7^{12} + 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 2 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 2, 1, 1) = 5 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 7^{16} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 4) = 5 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 7^{15} + 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 3, 1) = 6 \cdot 7^{11} + 6 \cdot 7^{12} + 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 3 \cdot 7^{17} + 3 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 2, 2) = 2 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 2, 1) = 7^{12} + 4 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 3) = 2 \cdot 7^{11} + 5 \cdot 7^{13} + 3 \cdot 7^{14} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 2) = 7^{12} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 6 \cdot 7^{12} + 5 \cdot 7^{13} + 7^{14} + 6 \cdot 7^{15} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 6) = 3 \cdot 7^{11} + 2 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 5, 1) = 7^{12} + 7^{13} + 4 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 4, 2) = 6 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{17} + 5 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 4, 1, 1) = 3 \cdot 7^{12} + 4 \cdot 7^{13} + 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 3) = 6 \cdot 7^{11} + 2 \cdot 7^{12} + 5 \cdot 7^{13} + 2 \cdot 7^{14} + 2 \cdot 7^{15} + 3 \cdot 7^{16} + 6 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 2, 1) = 5 \cdot 7^{11} + 5 \cdot 7^{12} + 3 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 1, 2) = 5 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 7^{11} + 7^{12} + 5 \cdot 7^{13} + 7^{15} + 4 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 4) = 4 \cdot 7^{11} + 2 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 4 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{18} + 6 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 3, 1) = 7^{11} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 4 \cdot 7^{15} + 2 \cdot 7^{17} + 5 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 2, 2) = 3 \cdot 7^{11} + 7^{12} + 3 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 7^{11} + 7^{12} + 7^{13} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 7^{18} + 5 \cdot 7^{19} + O(7^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1, 3) = 7^{11} + 4 \cdot 7^{12} + 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 4 \cdot 7^{16} + 7^{17} + 6 \cdot 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 7^{11} + 6 \cdot 7^{12} + 2 \cdot 7^{14} + 7^{15} + 5 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 3 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 4 \cdot 7^{14} + 5 \cdot 7^{15} + 6 \cdot 7^{16} + 4 \cdot 7^{17} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 5) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 2 \cdot 7^{13} + 3 \cdot 7^{14} + 3 \cdot 7^{15} + 2 \cdot 7^{16} + 2 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 4, 1) = 7^{11} + 7^{12} + 3 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{15} + 3 \cdot 7^{17} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 3, 2) = 3 \cdot 7^{11} + 3 \cdot 7^{12} + 4 \cdot 7^{13} + 3 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{17} + 7^{18} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 7^{11} + 4 \cdot 7^{12} + 6 \cdot 7^{13} + 4 \cdot 7^{14} + 7^{16} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2, 3) = 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 6 \cdot 7^{13} + 2 \cdot 7^{14} + 5 \cdot 7^{15} + 7^{16} + 6 \cdot 7^{17} + 3 \cdot 7^{18} + 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 6 \cdot 7^{13} + 5 \cdot 7^{14} + 3 \cdot 7^{15} + 3 \cdot 7^{16} + 4 \cdot 7^{17} + 3 \cdot 7^{18} + 2 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 4) = 7^{11} + 6 \cdot 7^{12} + 6 \cdot 7^{13} + 6 \cdot 7^{14} + 4 \cdot 7^{15} + 5 \cdot 7^{17} + 4 \cdot 7^{18} + 5 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 7^{11} + 3 \cdot 7^{12} + 2 \cdot 7^{13} + 6 \cdot 7^{14} + 3 \cdot 7^{15} + 6 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 4 \cdot 7^{13} + 6 \cdot 7^{16} + 6 \cdot 7^{17} + 4 \cdot 7^{18} + 4 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 3 \cdot 7^{11} + 5 \cdot 7^{12} + 2 \cdot 7^{13} + 7^{14} + 5 \cdot 7^{15} + 5 \cdot 7^{16} + 3 \cdot 7^{17} + 6 \cdot 7^{18} + 3 \cdot 7^{19} + O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(7^{20}) \\
\zeta_7([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_7(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(7^{20})
\end{aligned}$$

5.  $p = 11$  CASE5.1. **weight 0 case.**

$$\zeta_{11}([\emptyset]) = \zeta_{11}() = 1 + O(11^{20})$$

5.2. **weight 1 case.**

$$\zeta_{11}([1]) = \zeta_{11}(1) = O(11^{20})$$

5.3. **weight 2 case.**

$$\zeta_{11}([1, 0]) = \zeta_{11}(2) = O(11^{20})$$

$$\zeta_{11}([1, 1]) = \zeta_{11}(1, 1) = O(11^{20})$$

5.4. **weight 3 case.**

$$\zeta_{11}([1, 0, 0]) = \zeta_{11}(3) = 6 \cdot 11^3 + 6 \cdot 11^4 + 9 \cdot 11^5 + 5 \cdot 11^6 + 11^7 + 11^8 + 10 \cdot 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 1]) = \zeta_{11}(2, 1) = 10 \cdot 11^3 + 8 \cdot 11^4 + 2 \cdot 11^5 + 10 \cdot 11^6 + 7 \cdot 11^7 + 8 \cdot 11^8 + 10 \cdot 11^9 + 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 1, 0]) = \zeta_{11}(1, 2) = 6 \cdot 11^3 + 6 \cdot 11^4 + 9 \cdot 11^5 + 5 \cdot 11^6 + 11^7 + 11^8 + 10 \cdot 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 1, 1]) = \zeta_{11}(1, 1, 1) = O(11^{20})$$

5.5. **weight 4 case.**

$$\zeta_{11}([1, 0, 0, 0]) = \zeta_{11}(4) = O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 1]) = \zeta_{11}(3, 1) = O(11^{20})$$

$$\zeta_{11}([1, 0, 1, 0]) = \zeta_{11}(2, 2) = O(11^{20})$$

$$\zeta_{11}([1, 0, 1, 1]) = \zeta_{11}(2, 1, 1) = O(11^{20})$$

$$\zeta_{11}([1, 1, 0, 0]) = \zeta_{11}(1, 3) = O(11^{20})$$

$$\zeta_{11}([1, 1, 0, 1]) = \zeta_{11}(1, 2, 1) = O(11^{20})$$

$$\zeta_{11}([1, 1, 1, 0]) = \zeta_{11}(1, 1, 2) = O(11^{20})$$

$$\zeta_{11}([1, 1, 1, 1]) = \zeta_{11}(1, 1, 1, 1) = O(11^{20})$$



$$\begin{aligned}
& \zeta_{11}([1, 0, 1, 1, 1]) = \zeta_{11}(2, 1, 1, 1) = O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 0, 0]) = \zeta_{11}(1, 5) = 4 \cdot 11^6 + 6 \cdot 11^7 + 11^8 + 8 \cdot 11^9 + 8 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 0, 0, 1]) = \zeta_{11}(1, 4, 1) = 10 \cdot 11^6 + 2 \cdot 11^7 + 6 \cdot 11^8 + 8 \cdot 11^9 + 6 \cdot 11^{10} + 11^{11} + 11^{12} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 0, 1, 0]) = \zeta_{11}(1, 3, 2) = 11^6 + 8 \cdot 11^7 + 4 \cdot 11^8 + 2 \cdot 11^9 + 4 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 0, 1, 1]) = \zeta_{11}(1, 3, 1, 1) = 7 \cdot 11^6 + 4 \cdot 11^7 + 9 \cdot 11^8 + 2 \cdot 11^9 + 2 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 1, 0, 0]) = \zeta_{11}(1, 2, 3) = 9 \cdot 11^6 + 5 \cdot 11^7 + 11^8 + 6 \cdot 11^9 + 2 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 1, 0, 1]) = \zeta_{11}(1, 2, 2, 1) = 10 \cdot 11^6 + 6 \cdot 11^7 + 11^8 + 10 \cdot 11^9 + 3 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 1, 1, 0]) = \zeta_{11}(1, 2, 1, 2) = 7 \cdot 11^6 + 4 \cdot 11^7 + 9 \cdot 11^8 + 2 \cdot 11^9 + 2 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
& \zeta_{11}([1, 1, 0, 1, 1, 1]) = \zeta_{11}(1, 2, 1, 1, 1) = O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 0, 0, 0]) = \zeta_{11}(1, 1, 4) = 8 \cdot 11^6 + 11^7 + 3 \cdot 11^8 + 5 \cdot 11^9 + 6 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 0, 0, 1]) = \zeta_{11}(1, 1, 3, 1) = 3 \cdot 11^6 + 9 \cdot 11^7 + 7 \cdot 11^8 + 5 \cdot 11^9 + 4 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 0, 1, 0]) = \zeta_{11}(1, 1, 2, 2) = 3 \cdot 11^6 + 9 \cdot 11^7 + 7 \cdot 11^8 + 5 \cdot 11^9 + 4 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 0, 1, 1]) = \zeta_{11}(1, 1, 2, 1, 1) = O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 1, 0, 0]) = \zeta_{11}(1, 1, 1, 3) = 4 \cdot 11^6 + 6 \cdot 11^7 + 11^8 + 8 \cdot 11^9 + 8 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 1, 0, 1]) = \zeta_{11}(1, 1, 1, 2, 1) = O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 1, 1, 0]) = \zeta_{11}(1, 1, 1, 1, 2) = O(11^{20}) \\
& \zeta_{11}([1, 1, 1, 1, 1, 1]) = \zeta_{11}(1, 1, 1, 1, 1, 1) = O(11^{20})
\end{aligned}$$

### 5.8. weight 7 case.

$$\begin{aligned}
& \zeta_{11}([1, 0, 0, 0, 0, 0]) = \zeta_{11}(7) = 11^7 + 11^8 + 8 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{11}(6, 1) = 7 \cdot 11^7 + 6 \cdot 11^8 + 3 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{11}(5, 2) = 10 \cdot 11^7 + 10 \cdot 11^8 + 3 \cdot 11^9 + 3 \cdot 11^{10} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{11}(5, 1, 1) = 9 \cdot 11^7 + 8 \cdot 11^8 + 5 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{11}(4, 3) = 4 \cdot 11^7 + 2 \cdot 11^8 + 8 \cdot 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{11}(4, 2, 1) = 11^7 + 5 \cdot 11^8 + 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{11}(4, 1, 2) = 9 \cdot 11^7 + 2 \cdot 11^8 + 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{11}(4, 1, 1, 1) = 9 \cdot 11^7 + 8 \cdot 11^9 + 3 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{11}(3, 4) = 6 \cdot 11^7 + 7 \cdot 11^8 + 5 \cdot 11^9 + 3 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{11}(3, 3, 1) = 6 \cdot 11^7 + 9 \cdot 11^8 + 8 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{11}(3, 2, 2) = 10 \cdot 11^7 + 4 \cdot 11^8 + 9 \cdot 11^9 + 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{11}(3, 2, 1, 1) = 4 \cdot 11^7 + 11^8 + 6 \cdot 11^9 + 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{11}(3, 1, 3) = 8 \cdot 11^7 + 10 \cdot 11^8 + 8 \cdot 11^9 + 9 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{11}(3, 1, 2, 1) = 2 \cdot 11^7 + 9 \cdot 11^8 + 11^9 + 2 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
& \zeta_{11}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{11}(3, 1, 1, 2) = 9 \cdot 11^7 + 2 \cdot 11^8 + 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{11}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 4, 1) = 9 \cdot 11^7 + 8 \cdot 11^9 + 3 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 2) = 2 \cdot 11^7 + 6 \cdot 11^8 + 10 \cdot 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 1, 1) = 3 \cdot 11^7 + 3 \cdot 11^8 + 2 \cdot 11^9 + 3 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 3) = 2 \cdot 11^7 + 4 \cdot 11^8 + 6 \cdot 11^9 + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 2, 1) = 10 \cdot 11^7 + 10 \cdot 11^8 + 3 \cdot 11^9 + 3 \cdot 11^{10} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 2) = 6 \cdot 11^7 + 7 \cdot 11^8 + 5 \cdot 11^9 + 3 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 1) = 2 \cdot 11^7 + 3 \cdot 11^9 + 4 \cdot 11^{10} + 10 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 4) = 5 \cdot 11^7 + 5 \cdot 11^8 + 7 \cdot 11^9 + 11^{10} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 3, 1) = 7 \cdot 11^7 + 6 \cdot 11^8 + 3 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2) = 10 \cdot 11^8 + 9 \cdot 11^9 + 2 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1) = 4 \cdot 11^7 + 5 \cdot 11^8 + 5 \cdot 11^{10} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3) = 3 \cdot 11^7 + 3 \cdot 11^8 + 2 \cdot 11^9 + 3 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 1) = 5 \cdot 11^7 + 4 \cdot 11^8 + 6 \cdot 11^9 + 4 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 2) = 11^7 + 11^8 + 8 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1) = O(11^{20})
\end{aligned}$$

### 5.9. weight 8 case.

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(8) = O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(7, 1) = 5 \cdot 11^8 + 10 \cdot 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(6, 2) = 11^8 + 4 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(6, 1, 1) = 11^8 + 9 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(5, 3) = 5 \cdot 11^8 + 8 \cdot 11^9 + 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(5, 2, 1) = 9 \cdot 11^8 + 2 \cdot 11^9 + 2 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(5, 1, 2) = 10 \cdot 11^9 + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(5, 1, 1, 1) = 10 \cdot 11^8 + 7 \cdot 11^9 + 4 \cdot 11^{10} + 3 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 4) = O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 3, 1) = 7 \cdot 11^8 + 6 \cdot 11^9 + 10 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{15} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 2, 2) = 10 \cdot 11^8 + 4 \cdot 11^9 + 10 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 2, 1, 1) = 2 \cdot 11^8 + 11^9 + 9 \cdot 11^{11} + 11^{12} + 6 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 3) = 3 \cdot 11^9 + 4 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{15} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 2, 1) = 6 \cdot 11^8 + 3 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 2) = 11^8 + 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 1) = 5 \cdot 11^8 + 8 \cdot 11^9 + 11^{10} + 6 \cdot 11^{11} + 11^{12} + 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 5) = 2 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 4, 1) = 6 \cdot 11^8 + 3 \cdot 11^9 + 10 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 3, 2) = 10 \cdot 11^8 + 3 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 3, 1, 1) = 9 \cdot 11^8 + 9 \cdot 11^9 + 2 \cdot 11^{10} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 3) = 7 \cdot 11^8 + 5 \cdot 11^9 + 5 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 2, 1) = 11^8 + 4 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 2) = 9 \cdot 11^8 + 7 \cdot 11^9 + 8 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 1) = 11^8 + 9 \cdot 11^9 + 2 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 4) = 4 \cdot 11^8 + 10 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 3, 1) = 3 \cdot 11^8 + 4 \cdot 11^{10} + 11^{11} + 8 \cdot 11^{12} + 11^{14} + 3 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 2, 2) = 7 \cdot 11^8 + 7 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 1) = 7 \cdot 11^9 + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 3) = 4 \cdot 11^8 + 11^9 + 2 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 2, 1) = 11^8 + 4 \cdot 11^9 + 7 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 2) = 10 \cdot 11^9 + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1) = 2 \cdot 11^8 + 10 \cdot 11^9 + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 6) = 10 \cdot 11^8 + 6 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 5, 1) = 3 \cdot 11^8 + 11^9 + 3 \cdot 11^{10} + 3 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 4, 2) = 11^8 + 8 \cdot 11^9 + 8 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 4, 1, 1) = 5 \cdot 11^8 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 3, 3) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 3, 2, 1) = 5 \cdot 11^9 + 10 \cdot 11^{10} + 2 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 2) = 7 \cdot 11^8 + 7 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 1) = 5 \cdot 11^8 + 5 \cdot 11^9 + 7 \cdot 11^{10} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 4) = 9 \cdot 11^9 + 2 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 3, 1) = 8 \cdot 11^8 + 10 \cdot 11^9 + 8 \cdot 11^{10} + 11^{11} + 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 2, 2) = O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 2, 1, 1) = 2 \cdot 11^8 + 2 \cdot 11^9 + 10 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 3) = 10 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 2, 1) = 2 \cdot 11^8 + 10 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 2) = 10 \cdot 11^8 + 4 \cdot 11^9 + 10 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1) = 7 \cdot 11^8 + 6 \cdot 11^9 + 11^{10} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 5) = 7 \cdot 11^8 + 11^9 + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 4, 1) = 8 \cdot 11^8 + 4 \cdot 11^9 + 3 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 3, 2) = 8 \cdot 11^8 + 11^9 + 4 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 1) = 8 \cdot 11^8 + 9 \cdot 11^9 + 7 \cdot 11^{10} + 7 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 3) = 7 \cdot 11^8 + 4 \cdot 11^9 + 3 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 2, 1) = 10 \cdot 11^8 + 7 \cdot 11^9 + 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 2) = 10 \cdot 11^8 + 3 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1) = 7 \cdot 11^8 + 3 \cdot 11^9 + 6 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 4) = 7 \cdot 11^8 + 3 \cdot 11^9 + 7 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 3, 1) = 6 \cdot 11^8 + 8 \cdot 11^9 + 5 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 2) = 11^8 + 8 \cdot 11^9 + 8 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1) = 6 \cdot 11^8 + 9 \cdot 11^9 + 3 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 3) = 7 \cdot 11^8 + 7 \cdot 11^9 + 2 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1) = 7 \cdot 11^8 + 6 \cdot 11^9 + 11^{10} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2) = 11^8 + 4 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 7) = 6 \cdot 11^8 + 8 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 6, 1) = 3 \cdot 11^8 + 2 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 5, 2) = 7 \cdot 11^8 + 7 \cdot 11^9 + 2 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 5, 1, 1) = 10 \cdot 11^8 + 9 \cdot 11^9 + 5 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 3) = 10 \cdot 11^8 + 3 \cdot 11^9 + 9 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 2, 1) = 8 \cdot 11^8 + 4 \cdot 11^9 + 6 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 2) = 4 \cdot 11^8 + 11^9 + 2 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 1) = 9 \cdot 11^8 + 8 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 4) = 11^8 + 6 \cdot 11^9 + 2 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 3, 1) = 10 \cdot 11^9 + 8 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 2) = 10 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 1) = 3 \cdot 11^8 + 11^{10} + 3 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 3) = O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 2, 1) = 3 \cdot 11^8 + 9 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 11^{14} + 2 \cdot 11^{16} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 1, 2) = 3 \cdot 11^9 + 4 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{15} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 1, 1, 1) = 8 \cdot 11^8 + 9 \cdot 11^9 + 7 \cdot 11^{10} + 7 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 5) = 2 \cdot 11^8 + 10 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 6 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 4, 1) = 5 \cdot 11^8 + 3 \cdot 11^9 + 2 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 2) = 7 \cdot 11^8 + 4 \cdot 11^9 + 3 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 1) = 3 \cdot 11^9 + 3 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 3) = 2 \cdot 11^9 + 6 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 2, 1) = 8 \cdot 11^8 + 11^9 + 6 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 2) = 7 \cdot 11^8 + 5 \cdot 11^9 + 5 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1) = 11^8 + 5 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 4) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 3, 1) = 11^9 + 10 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 2) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1) = 8 \cdot 11^8 + 7 \cdot 11^9 + 6 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 3) = 10 \cdot 11^8 + 3 \cdot 11^9 + 9 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 2, 1) = 2 \cdot 11^8 + 10 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 2) = 5 \cdot 11^8 + 8 \cdot 11^9 + 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 6) = 7 \cdot 11^8 + 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 5, 1) = 2 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 4, 2) = 7 \cdot 11^8 + 3 \cdot 11^9 + 7 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 1) = 11^8 + 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 3, 3) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 3, 2, 1) = 8 \cdot 11^8 + 7 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 3, 1, 2) = 4 \cdot 11^8 + 10 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 3, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 4) = 7 \cdot 11^8 + 7 \cdot 11^9 + 9 \cdot 11^{10} + 9 \cdot 11^{11} + 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 3, 1) = 11^8 + 4 \cdot 11^9 + 7 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 2, 2) = 9 \cdot 11^9 + 2 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 1) = 11^8 + 8 \cdot 11^9 + 8 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 3) = 11^8 + 6 \cdot 11^9 + 2 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 1) = 3 \cdot 11^9 + 6 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 2) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 5) = 2 \cdot 11^8 + 2 \cdot 11^9 + 10 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 4, 1) = 2 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 3, 2) = 7 \cdot 11^8 + 11^9 + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 3, 1, 1) = 8 \cdot 11^8 + 6 \cdot 11^{10} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 3) = 2 \cdot 11^8 + 10 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 6 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1) = 5 \cdot 11^8 + 5 \cdot 11^9 + 3 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 2) = 2 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 4) = 7 \cdot 11^8 + 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1) = 9 \cdot 11^8 + 10 \cdot 11^{10} + 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 2) = 10 \cdot 11^8 + 6 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 3) = 6 \cdot 11^8 + 8 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20})
\end{aligned}$$

### 5.10. weight 9 case.

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(9) = 11^9 + 4 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{12} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(8, 1) = 6 \cdot 11^9 + 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(7, 2) = 11^9 + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(7, 1, 1) = 8 \cdot 11^9 + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(6, 3) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(6, 2, 1) = 2 \cdot 11^9 + 4 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(6, 1, 2) = 9 \cdot 11^9 + 7 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(6, 1, 1, 1) = 9 \cdot 11^9 + 7 \cdot 11^{11} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(5, 4) = 2 \cdot 11^9 + 8 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(5, 3, 1) = 4 \cdot 11^9 + 6 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(5, 2, 2) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(5, 2, 1, 1) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(5, 1, 3) = 4 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(5, 1, 2, 1) = 7 \cdot 11^9 + 5 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(5, 1, 1, 2) = 4 \cdot 11^9 + 4 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(5, 1, 1, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 5) = 8 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 4, 1) = 9 \cdot 11^{10} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 3, 2) = 10 \cdot 11^9 + 9 \cdot 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 3, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 2, 3) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 2, 2, 1) = 7 \cdot 11^9 + 4 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 2, 1, 2) = 3 \cdot 11^9 + 3 \cdot 11^{10} + 5 \cdot 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 2, 1, 1, 1) = 8 \cdot 11^9 + 3 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 4) = 8 \cdot 11^9 + 3 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 3, 1) = 2 \cdot 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 2, 2) = 10 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 2, 1, 1) = 11^9 + 3 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 3) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 11^{11} + 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 2, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 2) = 4 \cdot 11^9 + 4 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 1) = 2 \cdot 11^9 + 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{16} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 6) = 3 \cdot 11^9 + 10 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 5, 1) = 4 \cdot 11^9 + 6 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 4, 2) = 7 \cdot 11^9 + 3 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 4, 1, 1) = 9 \cdot 11^9 + 10 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 3, 3) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 11^{11} + 11^{13} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 3, 2, 1) = 8 \cdot 11^9 + 8 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{16} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 3, 1, 2) = 10 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 3, 1, 1, 1) = 8 \cdot 11^9 + 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 4) = 11^9 + 9 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 3, 1) = 6 \cdot 11^9 + 6 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 2, 2) = 5 \cdot 11^9 + 6 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 2, 1, 1) = 8 \cdot 11^9 + 10 \cdot 11^{10} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 3) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 2, 1) = 10 \cdot 11^9 + 4 \cdot 11^{10} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 2) = 3 \cdot 11^9 + 3 \cdot 11^{10} + 5 \cdot 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 1) = 4 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 5) = 5 \cdot 11^9 + 8 \cdot 11^{10} + 11^{11} + 9 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 4, 1) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{12} + 11^{14} + 7 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 3, 2) = 3 \cdot 11^9 + 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 3, 1, 1) = 5 \cdot 11^9 + 8 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 2, 3) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 2, 2, 1) = 3 \cdot 11^9 + 10 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 2, 1, 2) = 10 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 1, 1) = 4 \cdot 11^9 + 9 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 4) = 5 \cdot 11^9 + 10 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 3, 1) = 10 \cdot 11^9 + 10 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 2, 2) = 5 \cdot 11^9 + 2 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 2, 1, 1) = 8 \cdot 11^9 + 6 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 3) = 9 \cdot 11^9 + 10 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 2, 1) = 6 \cdot 11^9 + 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 2) = 9 \cdot 11^9 + 7 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 1) = 7 \cdot 11^9 + 10 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 7) = 9 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 6, 1) = 9 \cdot 11^9 + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 5, 2) = 5 \cdot 11^9 + 9 \cdot 11^{10} + 8 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 5, 1, 1) = 10 \cdot 11^9 + 4 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 4, 3) = 8 \cdot 11^9 + 3 \cdot 11^{10} + 10 \cdot 11^{12} + 9 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 4, 2, 1) = 3 \cdot 11^9 + 5 \cdot 11^{10} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 4, 1, 2) = 5 \cdot 11^9 + 2 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 4, 1, 1, 1) = 11^9 + 3 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 3, 4) = 9 \cdot 11^9 + 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 3, 3, 1) = 5 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 3, 2, 2) = 3 \cdot 11^9 + 4 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 11^{16} + 10 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 3, 2, 1, 1) = 4 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 3, 1, 3) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 3, 1, 2, 1) = 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 1, 2) = 10 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 1, 1) = 3 \cdot 11^9 + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 5) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 4, 1) = 4 \cdot 11^9 + 10 \cdot 11^{11} + 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 3, 2) = 7 \cdot 11^9 + 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 3, 1, 1) = 11^9 + 2 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 2, 3) = 6 \cdot 11^9 + 5 \cdot 11^{10} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 2, 2, 1) = 2 \cdot 11^9 + 8 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 2, 1, 2) = 5 \cdot 11^9 + 6 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 2, 1, 1, 1) = 5 \cdot 11^9 + 11^{10} + 2 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 4) = 8 \cdot 11^9 + 8 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 3, 1) = 9 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 2, 2) = 3 \cdot 11^9 + 4 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 11^{16} + 10 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 2, 1) = 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 3) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 2, 1) = 7 \cdot 11^9 + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 2) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 6) = 7 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 5, 1) = 9 \cdot 11^9 + 11^{10} + 11^{11} + 2 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 4, 2) = 2 \cdot 11^9 + 6 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 4, 1, 1) = 10 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 3, 3) = 11^9 + 6 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 3, 2, 1) = 11^9 + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 3, 1, 2) = 3 \cdot 11^9 + 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 1, 1) = 2 \cdot 11^9 + 5 \cdot 11^{10} + 7 \cdot 11^{11} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 4) = 2 \cdot 11^9 + 6 \cdot 11^{10} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 3, 1) = 5 \cdot 11^9 + 2 \cdot 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 2, 2) = 7 \cdot 11^9 + 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 2, 1, 1) = 7 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 3) = 10 \cdot 11^9 + 9 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 2, 1) = 11^9 + 9 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 2) = 10 \cdot 11^9 + 9 \cdot 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 1) = 5 \cdot 11^9 + 7 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 5) = 5 \cdot 11^9 + 8 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 4, 1) = 8 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 3, 2) = 2 \cdot 11^9 + 6 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 3, 1, 1) = 4 \cdot 11^9 + 6 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 3) = 3 \cdot 11^9 + 2 \cdot 11^{10} + 11^{11} + 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 2, 1) = 5 \cdot 11^9 + 2 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{16} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 2) = 7 \cdot 11^9 + 3 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 1) = 4 \cdot 11^9 + 5 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 4) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 3, 1) = 3 \cdot 11^9 + 8 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 2) = 5 \cdot 11^9 + 9 \cdot 11^{10} + 8 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 1) = 3 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 3) = 3 \cdot 11^9 + 2 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1) = 2 \cdot 11^9 + 6 \cdot 11^{10} + 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2) = 11^9 + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 1, 1) = 3 \cdot 11^9 + 5 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 8) = 4 \cdot 11^9 + 5 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 7, 1) = 10 \cdot 11^9 + 7 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 6, 2) = 3 \cdot 11^9 + 2 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 6, 1, 1) = 9 \cdot 11^9 + 6 \cdot 11^{10} + 10 \cdot 11^{11} + 11^{12} + 11^{13} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 5, 3) = 5 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 5, 2, 1) = 10 \cdot 11^9 + 4 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 5, 1, 2) = 9 \cdot 11^9 + 10 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 5, 1, 1, 1) = 8 \cdot 11^9 + 2 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 4) = 4 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 3, 1) = 5 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 2, 2) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 2, 1, 1) = 3 \cdot 11^9 + 6 \cdot 11^{10} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 3) = 4 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 2, 1) = 5 \cdot 11^9 + 7 \cdot 11^{10} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 2) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 11^{11} + 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 1) = 8 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 5) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 4, 1) = 8 \cdot 11^9 + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 3, 2) = 10 \cdot 11^9 + 9 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 3, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 3) = 11^9 + 2 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 2, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 2) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 1) = 2 \cdot 11^9 + 10 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 4) = 2 \cdot 11^9 + 10 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 3, 1) = 7 \cdot 11^9 + 4 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 2, 2) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 2, 1, 1) = 4 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 1, 3) = 4 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 1, 2, 1) = 4 \cdot 11^9 + 6 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 1, 1, 2) = 4 \cdot 11^9 + 3 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 1, 1, 1) = 9 \cdot 11^9 + 9 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 6) = 5 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 5, 1) = 8 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 4, 2) = 3 \cdot 11^9 + 2 \cdot 11^{10} + 11^{11} + 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 4, 1, 1) = 8 \cdot 11^9 + 6 \cdot 11^{10} + 2 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 3) = 7 \cdot 11^9 + 6 \cdot 11^{10} + 7 \cdot 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 2, 1) = 5 \cdot 11^9 + 2 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 2) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 4) = 9 \cdot 11^9 + 8 \cdot 11^{10} + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 3, 1) = 6 \cdot 11^9 + 5 \cdot 11^{10} + 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 2, 2) = 6 \cdot 11^9 + 5 \cdot 11^{10} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 2, 1, 1) = 2 \cdot 11^9 + 4 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 3) = 11^9 + 2 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 2, 1) = 5 \cdot 11^9 + 5 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{15} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 2) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 1) = 2 \cdot 11^9 + 3 \cdot 11^{10} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 5) = 2 \cdot 11^9 + 10 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 4, 1) = 8 \cdot 11^9 + 10 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 3, 2) = 11^9 + 6 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 3, 1, 1) = 4 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 3) = 7 \cdot 11^9 + 6 \cdot 11^{10} + 7 \cdot 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 2, 1) = 11^9 + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 2) = 7 \cdot 11^9 + 2 \cdot 11^{10} + 11^{11} + 11^{13} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 4) = 9 \cdot 11^9 + 9 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 3, 1) = 4 \cdot 11^9 + 3 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 2, 2) = 8 \cdot 11^9 + 3 \cdot 11^{10} + 10 \cdot 11^{12} + 9 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 2, 1, 1) = 10 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 3) = 5 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 2, 1) = 3 \cdot 11^9 + 3 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 2) = 7 \cdot 11^9 + 7 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 7) = 5 \cdot 11^9 + 6 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 6, 1) = 2 \cdot 11^9 + 4 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 5, 2) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 5, 1, 1) = 11^9 + 6 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 4, 3) = 9 \cdot 11^9 + 9 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 4, 2, 1) = 4 \cdot 11^9 + 7 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 4, 1, 2) = 5 \cdot 11^9 + 10 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 1, 1) = 5 \cdot 11^9 + 3 \cdot 11^{10} + 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 3, 4) = 4 \cdot 11^9 + 4 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 3, 3, 1) = 4 \cdot 11^9 + 9 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 2, 2) = 8 \cdot 11^9 + 8 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 2, 1, 1) = 2 \cdot 11^9 + 11^{10} + 3 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 3, 1, 3) = 2 \cdot 11^9 + 10 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 3, 1, 2, 1) = 10 \cdot 11^9 + 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 3, 1, 1, 2) = 8 \cdot 11^9 + 3 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 3, 1, 1, 1, 1) = 10 \cdot 11^9 + 4 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 5) = 8 \cdot 11^9 + 7 \cdot 11^{10} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 4, 1) = 4 \cdot 11^9 + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 3, 2) = 2 \cdot 11^9 + 6 \cdot 11^{10} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 3, 1, 1) = 9 \cdot 11^9 + 6 \cdot 11^{10} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 2, 3) = 9 \cdot 11^9 + 8 \cdot 11^{10} + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 2, 2, 1) = 2 \cdot 11^9 + 8 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 2, 1, 2) = 11^9 + 9 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 1) = 8 \cdot 11^9 + 3 \cdot 11^{10} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 4) = 4 \cdot 11^9 + 4 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 3, 1) = 4 \cdot 11^9 + 9 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 2) = 9 \cdot 11^9 + 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 3) = 4 \cdot 11^9 + 2 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 2, 1) = 4 \cdot 11^9 + 5 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 2) = 2 \cdot 11^9 + 8 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 6) = 11^9 + 6 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 5, 1) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 4, 2) = 5 \cdot 11^9 + 8 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 4, 1, 1) = 10 \cdot 11^9 + 9 \cdot 11^{11} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 3, 3) = 2 \cdot 11^9 + 10 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 3, 2, 1) = 10 \cdot 11^9 + 7 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 3, 1, 2) = 5 \cdot 11^9 + 8 \cdot 11^{10} + 11^{11} + 9 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 3, 1, 1, 1) = 10 \cdot 11^9 + 4 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 4) = 8 \cdot 11^9 + 7 \cdot 11^{10} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 3, 1) = 4 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 2) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 1) = 2 \cdot 11^9 + 3 \cdot 11^{10} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 3) = 2 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 1) = 5 \cdot 11^9 + 7 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 2) = 8 \cdot 11^9 + 9 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 11^9 + 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 5) = 11^9 + 6 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 4, 1) = 2 \cdot 11^9 + 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{16} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 2) = 7 \cdot 11^9 + 8 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 1) = 9 \cdot 11^9 + 9 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 3) = 5 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 2, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 1, 2) = 3 \cdot 11^9 + 10 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 11^9 + 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 4) = 5 \cdot 11^9 + 6 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 3, 1) = 7 \cdot 11^9 + 10 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 2) = 9 \cdot 11^9 + 6 \cdot 11^{10} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 11^9 + 4 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 3) = 4 \cdot 11^9 + 5 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 11^9 + 5 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2) = 11^9 + 4 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{12} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20})
 \end{aligned}$$

## 5.11. weight 10 case.

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{11}(10) = O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{11}(9, 1) = 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{18} + 6 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{11}(8, 2) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{11}(8, 1, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{11}(7, 3) = 10 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{11}(7, 2, 1) = 10 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{15} + 11^{16} + 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{11}(7, 1, 2) = 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{11}(7, 1, 1, 1) = 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{11}(6, 4) = 8 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{11}(6, 3, 1) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{11}(6, 2, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{11}(6, 2, 1, 1) = 3 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{11}(6, 1, 3) = 8 \cdot 11^{11} + 9 \cdot 11^{12} + 11^{13} + 11^{14} + 8 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{11}(6, 1, 2, 1) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{11}(6, 1, 1, 2) = 8 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{11}(6, 1, 1, 1, 1) = 8 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{11}(5, 5) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{11}(5, 4, 1) = 7 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{11}(5, 3, 2) = 7 \cdot 11^{10} + 10 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{11}(5, 3, 1, 1) = 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{11}(5, 2, 3) = 11^{10} + 3 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{11}(5, 2, 2, 1) = 8 \cdot 11^{10} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{11}(5, 2, 1, 2) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{11}(5, 2, 1, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{11}(5, 1, 4) = 7 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{11}(5, 1, 3, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{11}(5, 1, 2, 2) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{14} + 11^{15} + 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{11}(5, 1, 2, 1, 1) = 7 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{11}(5, 1, 1, 3) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{11}(5, 1, 1, 2, 1) = 11^{10} + 3 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{11}(5, 1, 1, 1, 2) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})$$

$$\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{11}(5, 1, 1, 1, 1, 1) = 9 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20})$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 6) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 5, 1) = 8 \cdot 11^{10} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 4, 2) = 11^{10} + 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 4, 1, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 3, 3) = 11^{10} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 3, 2, 1) = 10 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 3, 1, 2) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 3, 1, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 2, 4) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 2, 3, 1) = 4 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 2, 2, 2) = 6 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 2, 2, 1, 1) = 6 \cdot 11^{10} + 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 2, 1, 3) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 2, 1, 2, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 2, 1, 1, 2) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 2, 1, 1, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 5) = 2 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{14} + 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 4, 1) = 9 \cdot 11^{10} + 11^{11} + 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 3, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 3, 1, 1) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 2, 3) = 6 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 2, 2, 1) = 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 2, 1, 2) = 5 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 2, 1, 1, 1) = 6 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 4) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 3, 1) = 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 2, 2) = 6 \cdot 11^{10} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 2, 1, 1) = 8 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 3) = 10 \cdot 11^{10} + 8 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 2, 1) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 2) = 8 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 1) = 8 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 7) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 6, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 5, 2) = 10 \cdot 11^{10} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 5, 1, 1) = 5 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 4, 3) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 4, 2, 1) = 6 \cdot 11^{10} + 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 4, 1, 2) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 4, 1, 1, 1) = 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 3, 4) = 6 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 3, 3, 1) = 9 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 3, 2, 2) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 3, 2, 1, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 3, 1, 3) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 3, 1, 2, 1) = 4 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 3, 1, 1, 2) = 5 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 3, 1, 1, 1, 1) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 2, 5) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 2, 4, 1) = 10 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{15} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 2, 3, 2) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 2, 3, 1, 1) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 2, 3) = 4 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 2, 2, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 2, 1, 2) = 10 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 2, 1, 1, 1) = 4 \cdot 11^{10} + 11^{11} + 9 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 4) = 8 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 3, 1) = 9 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 2, 2) = 3 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 2, 1, 1) = 5 \cdot 11^{10} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 3) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 2, 1) = 5 \cdot 11^{10} + 6 \cdot 11^{11} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 2) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 1) = 6 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 6) = 3 \cdot 11^{10} + 11^{11} + 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 5, 1) = 6 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 4, 2) = 2 \cdot 11^{10} + 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 4, 1, 1) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 3, 3) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 3, 2, 1) = 9 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 3, 1, 2) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 3, 1, 1, 1) = 9 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 2, 4) = 11^{10} + 8 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 2, 3, 1) = 9 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 2, 2, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 2, 2, 1, 1) = 4 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 2, 1, 3) = 9 \cdot 11^{10} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 2, 1, 2, 1) = 7 \cdot 11^{10} + 3 \cdot 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 2, 1, 1, 2) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 1, 1, 1) = 7 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 5) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 4, 1) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 3, 2) = 9 \cdot 11^{10} + 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 3, 1, 1) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 2, 3) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 2, 2, 1) = 9 \cdot 11^{10} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 2, 1, 2) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 2, 1, 1, 1) = 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 4) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 3, 1) = 5 \cdot 11^{10} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 2, 2) = 6 \cdot 11^{11} + 5 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 2, 1, 1) = 6 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 3) = 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 2, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 2) = 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 1, 1) = 11^{12} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 8) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 7, 1) = 10 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 6, 2) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 6, 1, 1) = 4 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{13} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 5, 3) = 9 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 5, 2, 1) = 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 5, 1, 2) = 6 \cdot 11^{11} + 5 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 5, 1, 1, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 11^{14} + 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 4, 4) = 7 \cdot 11^{10} + 3 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 4, 3, 1) = 5 \cdot 11^{10} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 4, 2, 2) = 8 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 4, 2, 1, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 4, 1, 3) = 10 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 4, 1, 2, 1) = 9 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{14} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 4, 1, 1, 2) = 6 \cdot 11^{10} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 4, 1, 1, 1, 1) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 3, 5) = 5 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 3, 4, 1) = 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 11^{15} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 3, 3, 2) = 5 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 3, 3, 1, 1) = 8 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 3, 2, 3) = 4 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 3, 2, 2, 1) = 2 \cdot 11^{11} + 5 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 3, 2, 1, 2) = 3 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 3, 2, 1, 1, 1) = 10 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 3, 1, 4) = 10 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 3, 1, 3, 1) = 8 \cdot 11^{10} + 3 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 3, 1, 2, 2) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 3, 1, 2, 1, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 3, 1, 1, 3) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 3, 1, 1, 2, 1) = 9 \cdot 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 1, 1, 2) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{14} + 11^{15} + 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 1, 1, 1) = 7 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 6) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 5, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 4, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 4, 1, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 3, 3) = 10 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 3, 2, 1) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 3, 1, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 3, 1, 1, 1) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 2, 4) = 6 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 2, 3, 1) = 7 \cdot 11^{10} + 11^{11} + 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 2, 2, 2) = O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 2, 2, 1, 1) = 4 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 2, 1, 3) = 8 \cdot 11^{10} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 2, 1, 2, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 2, 1, 1, 2) = 6 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 2, 1, 1, 1, 1) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 5) = 6 \cdot 11^{11} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 4, 1) = 11^{11} + 7 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 11^{16} + 4 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 3, 2) = 11^{10} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 3, 1, 1) = 5 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 2, 3) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 2, 2, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 2, 1, 2) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 2, 1, 1, 1) = 6 \cdot 11^{10} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 4) = 4 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 3, 1) = 8 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 2, 2) = 8 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 2, 1, 1) = 6 \cdot 11^{11} + 3 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 11^{15} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 3) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 2, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 7) = 2 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 6, 1) = 9 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 5, 2) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 5, 1, 1) = 5 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 4, 3) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 4, 2, 1) = 10 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 4, 1, 2) = 9 \cdot 11^{10} + 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 4, 1, 1, 1) = 11^{10} + 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 3, 4) = 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 3, 3, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 11^{18} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 3, 2, 2) = 11^{10} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 3, 2, 1, 1) = 11^{10} + 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 3, 1, 3) = 5 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 3, 1, 2, 1) = 4 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 3, 1, 1, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 1, 1, 1) = 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 5) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 4, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
&\quad \zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_{11}(2, 1, 2, 3, 2) = O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 3, 1, 1) = 5 \cdot 11^{10} + 3 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 2, 3) = 8 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 2, 2, 1) = 7 \cdot 11^{10} + 7 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 2, 1, 2) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 2, 1, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 4) = 9 \cdot 11^{10} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 3, 1) = 4 \cdot 11^{10} + 7 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 2, 2) = 5 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 2, 1, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 11^{16} + 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 3) = 4 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 2, 1) = 5 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 11^{14} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 2) = 7 \cdot 11^{10} + 10 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 6) = 5 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 5, 1) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 4, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 4, 1, 1) = 7 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 3, 3) = 3 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 3, 2, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 3, 1, 2) = 2 \cdot 11^{10} + 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 3, 1, 1, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 4) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 3, 1) = 4 \cdot 11^{10} + 11^{11} + 9 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 2, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 2, 1, 1) = 9 \cdot 11^{10} + 3 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 3) = 7 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 2, 1) = 5 \cdot 11^{10} + 10 \cdot 11^{11} + 10 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 2) = 11^{10} + 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 1, 1) = 9 \cdot 11^{10} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 5) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 4, 1) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 3, 2) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 3, 1, 1) = 5 \cdot 11^{10} + 5 \cdot 11^{12} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 3) = 5 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 2, 1) = 3 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 2) = 10 \cdot 11^{10} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 1, 1) = 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 4) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 3, 1) = 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 2) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 1, 1) = 9 \cdot 11^{10} + 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 1, 3) = 8 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 9) = 10 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 8, 1) = 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 7, 2) = 8 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 7, 1, 1) = 9 \cdot 11^{10} + 3 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 6, 3) = 6 \cdot 11^{10} + 3 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 6, 2, 1) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 6, 1, 2) = 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 6, 1, 1, 1) = 6 \cdot 11^{10} + 3 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 5, 4) = 11^{10} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 5, 3, 1) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 5, 2, 2) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 5, 2, 1, 1) = 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 5, 1, 3) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 5, 1, 2, 1) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 5, 1, 1, 2) = 10 \cdot 11^{10} + 8 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 5, 1, 1, 1, 1) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 5) = 5 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 4, 1) = 4 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 3, 2) = 4 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 3, 1, 1) = 6 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 2, 3) = 5 \cdot 11^{10} + 11^{11} + 4 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 2, 2, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 2, 1, 2) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 2, 1, 1, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 4) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 3, 1) = 10 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 2, 2) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 2, 1, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 3) = 4 \cdot 11^{10} + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 2, 1) = 8 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 1) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{13} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 6) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 5, 1) = 8 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 4, 2) = 7 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 4, 1, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 3, 3) = 11^{10} + 5 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 3, 2, 1) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 3, 1, 2) = 9 \cdot 11^{10} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 3, 1, 1, 1) = 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 4) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 3, 1) = 2 \cdot 11^{11} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 2, 2) = 8 \cdot 11^{10} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 2, 1, 1) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 3) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 2, 1) = 10 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 1, 2) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 1, 1) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 5) = 5 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 4, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 3, 2) = 5 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 3, 1, 1) = 9 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 2, 3) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 2, 2, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 2, 1, 2) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 2, 1, 1, 1) = 9 \cdot 11^{10} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 1, 4) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 1, 3, 1) = 11^{10} + 7 \cdot 11^{11} + 3 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 1, 2, 2) = 10 \cdot 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 1, 2, 1, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 1, 1, 3) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 1, 1, 2, 1) = 10 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 1, 1, 1, 2) = 8 \cdot 11^{11} + 9 \cdot 11^{12} + 11^{13} + 11^{14} + 8 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 1, 1, 1, 1, 1) = 4 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 7) = 6 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 6, 1) = 10 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 5, 2) = 5 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 5, 1, 1) = 10 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 4, 3) = 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 4, 2, 1) = 2 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 4, 1, 2) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 4, 1, 1, 1) = 10 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 4) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 3, 1) = 2 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 2, 2) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 2, 1, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 3) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 2, 1) = 7 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 2) = 6 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 1) = 7 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 5) = 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 4, 1) = 8 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{18} + 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 3, 2) = 8 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 3, 1, 1) = 6 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 2, 3) = 6 \cdot 11^{10} + 9 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 2, 2, 1) = 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 2, 1, 2) = 4 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 2, 1, 1, 1) = 6 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 4) = 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 3, 1) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 2, 2) = 4 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 2, 1, 1) = 7 \cdot 11^{11} + 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 3) = 5 \cdot 11^{10} + 11^{11} + 4 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 2, 1) = 7 \cdot 11^{10} + 3 \cdot 11^{11} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 2) = 11^{10} + 3 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 1, 1) = 6 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 6) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 5, 1) = 4 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 4, 2) = 3 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 4, 1, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 3, 3) = 11^{10} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 3, 2, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 3, 1, 2) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 3, 1, 1, 1) = 9 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{16} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 4) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 3, 1) = 9 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 2, 2) = 10 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 2, 1, 1) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 3) = 11^{10} + 5 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 2, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 2) = 11^{10} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 1, 1) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 5) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 4, 1) = 8 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 3, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 3, 1, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 2, 3) = 11^{10} + 2 \cdot 11^{11} + 10 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 2, 2, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 2, 1, 2) = 9 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 8 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 4) = 10 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 3, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 2, 2) = 9 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 2, 1, 1) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 3) = 6 \cdot 11^{10} + 3 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 11^{10} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 2) = 10 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 8) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 7, 1) = 9 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 6, 2) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 6, 1, 1) = 6 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 5, 3) = 10 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 5, 2, 1) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 5, 1, 2) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 5, 1, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 4, 4) = 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 4, 3, 1) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 4, 2, 2) = 4 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 4, 2, 1, 1) = 7 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 4, 1, 3) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 4, 1, 2, 1) = 10 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 4, 1, 1, 2) = 9 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 1, 1, 1) = 7 \cdot 11^{10} + 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 3, 5) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 3, 4, 1) = 3 \cdot 11^{10} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 3, 2) = 9 \cdot 11^{10} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 3, 1, 1) = 6 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 3, 2, 3) = 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 3, 2, 2, 1) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 3, 2, 1, 2) = 8 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 3, 2, 1, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 3, 1, 4) = 10 \cdot 11^{10} + 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 3, 1, 3, 1) = 8 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 1, 2, 2) = 10 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 1, 2, 1, 1) = 10 \cdot 11^{10} + 7 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 3, 1, 1, 3) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 3, 1, 1, 2, 1) = 8 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 3, 1, 1, 1, 2) = 7 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 3, 1, 1, 1, 1, 1) = 3 \cdot 11^{10} + 11^{11} + 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 6) = 6 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 5, 1) = 5 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 4, 2) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 4, 1, 1) = 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 3, 3) = 9 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 3, 2, 1) = 10 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 3, 1, 2) = 11^{10} + 8 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 3, 1, 1, 1) = 11^{10} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 2, 4) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 7 \cdot 11^{13} + 11^{14} + 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 2, 3, 1) = 5 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 2, 2, 2) = 6 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 2, 2, 1, 1) = 10 \cdot 11^{10} + 8 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 2, 1, 3) = 8 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 2, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 10 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 2) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 1, 1) = 5 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 5) = 10 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 4, 1) = 9 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 3, 2) = 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 3, 1, 1) = 7 \cdot 11^{10} + 10 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 3) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 2, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 2) = 6 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 1, 1) = 8 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 4) = 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 3, 1) = 2 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 2, 2) = 7 \cdot 11^{10} + 3 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 2, 1, 1) = 8 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 3) = 11^{10} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 1, 2) = 8 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 7) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 6, 1) = 9 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 5, 2) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 5, 1, 1) = 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 4, 3) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 4, 2, 1) = 10 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 4, 1, 2) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 4, 1, 1, 1) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 3, 4) = 10 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 3, 3, 1) = 4 \cdot 11^{10} + 6 \cdot 11^{11} + 4 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 3, 2, 2) = 6 \cdot 11^{11} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 3, 2, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 3, 1, 3) = 5 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 3, 1, 2, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 3, 1, 1, 2) = 2 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{14} + 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 3, 1, 1, 1) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 5) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 4, 1) = 5 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 3, 2) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 3, 1, 1) = 7 \cdot 11^{10} + 5 \cdot 11^{13} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 3) = 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 2, 1) = 9 \cdot 11^{10} + 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 2) = 5 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 4) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 3, 1) = 6 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 2) = 5 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 1, 1) = 10 \cdot 11^{10} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 3) = 5 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 2, 1) = 5 \cdot 11^{10} + 4 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 2) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + O(11^{20}) \\
&\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 6) = 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 5, 1) = 9 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 4, 2) = 5 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 4, 1, 1) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 3) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 2, 1) = 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 2) = 3 \cdot 11^{10} + 11^{11} + 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 1, 1) = 8 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 4) = 6 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 3, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 2, 2) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 2, 1, 1) = 8 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 1, 3) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 1, 2, 1) = 4 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 1, 1, 2) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
&\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{11}(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 5) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 4, 1) = 9 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 3, 2) = 2 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 3) = 6 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 2, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 1, 2) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
&\zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{11}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 4) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 3, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 11^{10} + 4 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
&\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1, 1) = O(11^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 3) = 10 \cdot 11^{10} + 4 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1) = O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2) = O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20}) \end{aligned}$$

**5.12. weight 11 case.**

$$\begin{aligned} \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(11) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(10, 1) = 6 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(9, 2) = 6 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(9, 1, 1) = 7 \cdot 11^{10} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(8, 3) = 6 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(8, 2, 1) = 7 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(8, 1, 2) = 7 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(8, 1, 1, 1) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(7, 4) = 6 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(7, 3, 1) = 7 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(7, 2, 2) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(7, 2, 1, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(7, 1, 3) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(7, 1, 2, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(7, 1, 1, 2) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(7, 1, 1, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 3 \cdot 11^{12} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(6, 5) = 6 \cdot 11^{10} + 10 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(6, 4, 1) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(6, 3, 2) = 7 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(6, 3, 1, 1) = 3 \cdot 11^{10} + 10 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(6, 2, 3) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(6, 2, 2, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{14} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(6, 2, 1, 2) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(6, 2, 1, 1, 1) = 2 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(6, 1, 4) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(6, 1, 3, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(6, 1, 2, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(6, 1, 2, 1, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(6, 1, 1, 3) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(6, 1, 1, 2, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(6, 1, 1, 1, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(6, 1, 1, 1, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{12} + 8 \cdot 11^{14} + 7 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(5, 6) = 6 \cdot 11^{10} + 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(5, 5, 1) = 7 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(5, 4, 2) = 7 \cdot 11^{10} + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(5, 4, 1, 1) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(5, 3, 3) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(5, 3, 2, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(5, 3, 1, 2) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(5, 3, 1, 1, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(5, 2, 4) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(5, 2, 3, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(5, 2, 2, 2) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(5, 2, 2, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 3 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(5, 2, 1, 3) = 3 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(5, 2, 1, 2, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{13} + 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(5, 2, 1, 1, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(5, 2, 1, 1, 1, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 11^{16} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(5, 1, 5) = 7 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(5, 1, 4, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{13} + 11^{15} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(5, 1, 3, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 6 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(5, 1, 3, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(5, 1, 2, 3) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(5, 1, 2, 2, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(5, 1, 2, 1, 2) = 2 \cdot 11^{10} + 8 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(5, 1, 2, 1, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(5, 1, 1, 4) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 5 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(5, 1, 1, 3, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(5, 1, 1, 2, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(5, 1, 1, 2, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(5, 1, 1, 1, 3) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(5, 1, 1, 1, 2, 1) = 2 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(5, 1, 1, 1, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(5, 1, 1, 1, 1, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(4, 7) = 6 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(4, 6, 1) = 7 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 5, 2) = 7 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 5, 1, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 10 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 4, 3) = 7 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 4, 2, 1) = 3 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 4, 1, 2) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 4, 1, 1, 1) = 2 \cdot 11^{10} + 11^{12} + 9 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 3, 4) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 3, 3, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 3, 2, 2) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 3, 2, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 3, 1, 3) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 3, 1, 2, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 3, 1, 1, 2) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 3, 1, 1, 1, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{16} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 2, 5) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 2, 4, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 2, 3, 2) = 3 \cdot 11^{10} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 2, 3, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 2, 2, 3) = 3 \cdot 11^{10} + 10 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 2, 2, 2, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 2, 2, 1, 2) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 2, 2, 1, 1, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 2, 1, 4) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 2, 1, 3, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 2, 1, 2, 2) = 2 \cdot 11^{10} + 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 2, 1, 2, 1, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 2, 1, 1, 3) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 2, 1, 1, 2, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 2, 1, 1, 1, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 2, 1, 1, 1, 1, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 6) = 7 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 5, 1) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 4 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 4, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 4, 1, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 3, 3) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 3, 2, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 3, 1, 2) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 3, 1, 1, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 2, 4) = 3 \cdot 11^{10} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 2, 3, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 2, 2, 2) = 2 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 2, 2, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 2, 1, 3) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 2, 1, 2, 1) = 2 \cdot 11^{10} + 11^{11} + 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 2, 1, 1, 2) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 2, 1, 1, 1, 1) = 3 \cdot 11^{10} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 5) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 6 \cdot 11^{14} + 3 \cdot 11^{16} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 4, 1) = 2 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 3, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 3, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{14} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 2, 3) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 2, 2, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 7 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 2, 1, 2) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 11^{12} + 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 2, 1, 1, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 4) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 3, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 2, 2) = 2 \cdot 11^{10} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 2, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 3) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 2, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 2) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 8) = 6 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 7, 1) = 7 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 3, 3) = 3 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 3, 2, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 3, 1, 2) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 3, 1, 1, 1) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 2, 4) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 2, 3, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 3 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 2, 2, 2) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 2, 2, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{12} + 11^{13} + 7 \cdot 11^{15} + 11^{16} + 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 2, 1, 3) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 2, 1, 2, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 2, 1, 1, 2) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 2, 1, 1, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 5) = 3 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 4, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 3, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 3, 1, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 2, 3) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 2, 2, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 2, 1, 2) = 2 \cdot 11^{10} + 11^{11} + 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 2, 1, 1, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 4) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 3, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 2, 2) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 2, 1, 1) = 3 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 3) = 2 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 5 \cdot 11^{14} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 2, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{16} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 2) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 1, 1) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 7) = 7 \cdot 11^{10} + 10 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 6, 1) = 3 \cdot 11^{10} + 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 5, 2) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 5, 1, 1) = 2 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 4, 3) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 3 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 4, 2, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$























$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 5, 1, 2, 2) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 5, 1, 2, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 5, 1, 1, 3) = 2 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 5, 1, 1, 2, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 6 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 5, 1, 1, 1, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 5, 1, 1, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 6) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 8 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 5, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 10 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 4, 2) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 4, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 11^{16} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 3, 3) = 3 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 3, 2, 1) = 2 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 3, 1, 2) = 2 \cdot 11^{10} + 11^{11} + 6 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 3, 1, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 2, 4) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 2, 3, 1) = 2 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 2, 2, 2) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 2, 2, 1, 1) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 6 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 2, 1, 3) = 2 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 2, 1, 2, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 2, 1, 1, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 2, 1, 1, 1) = 3 \cdot 11^{10} + 10 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 5) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 4, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 3, 2) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 3, 1, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 2, 3) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 2, 2, 1) = 2 \cdot 11^{10} + 11^{11} + 11^{12} + 11^{13} + 7 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 2, 1, 2) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 2, 1, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 4) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 3, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 2, 2) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 2, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 3) = 2 \cdot 11^{10} + 11^{11} + 3 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 2, 1) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 11^{13} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 1, 1) = 7 \cdot 11^{10} + 2 \cdot 11^{11} + 11^{12} + 8 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 7) = 7 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 6, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 5, 2) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 5, 1, 1) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 5 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 4, 3) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 5 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 4, 2, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 5 \cdot 11^{12} + 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 4, 1, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 8 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 4, 1, 1, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 3, 4) = 3 \cdot 11^{10} + 6 \cdot 11^{11} + 10 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 3, 3, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 3, 2, 2) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 3, 2, 1, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 3, 1, 3) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 3, 1, 2, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{12} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 3, 1, 1, 2) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 3, 1, 1, 1, 1) = 3 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 5) = 3 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 4, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{13} + 11^{14} + 11^{15} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 3, 2) = 2 \cdot 11^{10} + 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 3, 1, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 2, 3) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 2, 2, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 2, 1, 2) = 2 \cdot 11^{10} + 4 \cdot 11^{11} + 8 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 2, 1, 1, 1) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 4) = 2 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 3, 1) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 2, 2) = 2 \cdot 11^{10} + 7 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 2, 1, 1) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 1, 3) = 2 \cdot 11^{10} + 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 2, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 8) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 7, 1) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 5 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 6, 2) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 3 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 11 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 6, 1, 1) = 2 \cdot 11^{10} + 11^{11} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 5, 3) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 5, 2, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 5, 1, 2) = 2 \cdot 11^{10} + 6 \cdot 11^{11} + 2 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 5, 1, 1, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 4, 4) = 3 \cdot 11^{10} + 2 \cdot 11^{11} + 9 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 4, 3, 1) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 4, 2, 2) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 4, 2, 1, 1) = 2 \cdot 11^{10} + 2 \cdot 11^{11} + 3 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 4, 1, 3) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 4, 1, 2, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 2 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 4, 1, 1, 2) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 4, 1, 1, 1, 1) = 3 \cdot 11^{10} + 8 \cdot 11^{11} + 5 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 5) = 3 \cdot 11^{10} + 4 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 4, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{12} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 3, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 4 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 3, 1, 1) = 2 \cdot 11^{10} + 5 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 2, 3) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 2, 2, 1) = 2 \cdot 11^{10} + 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 2, 1, 2) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 8 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 2, 1, 1, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 9 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 4) = 2 \cdot 11^{10} + 9 \cdot 11^{11} + 10 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 3, 1) = 2 \cdot 11^{10} + 7 \cdot 11^{11} + 4 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 2, 2) = 2 \cdot 11^{10} + 10 \cdot 11^{11} + 2 \cdot 11^{12} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 2, 1, 1) = 3 \cdot 11^{10} + 9 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 3) = 2 \cdot 11^{10} + 3 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 2, 1) = 3 \cdot 11^{10} + 7 \cdot 11^{11} + 7 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 2) = 3 \cdot 11^{10} + 3 \cdot 11^{11} + 2 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 1, 1) = 7 \cdot 11^{10} + 8 \cdot 11^{11} + 9 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 6) = 3 \cdot 11^{10} + 5 \cdot 11^{11} + 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 5, 1) = 2 \cdot 11^{10} + 8 \cdot 11^{11} + 2 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

























$$\begin{aligned} \zeta_{11}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 11^{10} + 9 \cdot 11^{11} + 7 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 4) = 7 \cdot 11^{10} + 9 \cdot 11^{11} + 4 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 3, 1) = 6 \cdot 11^{10} + 7 \cdot 11^{11} + 6 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2, 2) = 6 \cdot 11^{10} + 8 \cdot 11^{11} + 7 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 11^{10} + 5 \cdot 11^{11} + 7 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 3) = 6 \cdot 11^{10} + 5 \cdot 11^{11} + 4 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 11^{10} + 10 \cdot 11^{11} + 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 10 \cdot 11^{10} + 9 \cdot 11^{11} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20}) \end{aligned}$$

**5.13. weight 12 case.**

$$\begin{aligned} \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(12) = O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(11, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(10, 2) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(10, 1, 1) = 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(9, 3) = 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(9, 2, 1) = 9 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(9, 1, 2) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(9, 1, 1, 1) = 8 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(8, 4) = 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(8, 3, 1) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(8, 2, 2) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(8, 2, 1, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(8, 1, 3) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(8, 1, 2, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(8, 1, 1, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(8, 1, 1, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(7, 5) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(7, 4, 1) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(7, 3, 2) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(7, 3, 1, 1) = 9 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(7, 2, 3) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\ \zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(7, 2, 2, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(7, 2, 1, 2) = 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(7, 2, 1, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(7, 1, 4) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(7, 1, 3, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(7, 1, 2, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(7, 1, 2, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(7, 1, 1, 3) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(7, 1, 1, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(7, 1, 1, 1, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(7, 1, 1, 1, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(6, 6) = O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(6, 5, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(6, 4, 2) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(6, 4, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(6, 3, 3) = 11^{12} + 3 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(6, 3, 2, 1) = 2 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(6, 3, 1, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(6, 3, 1, 1, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(6, 2, 4) = 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(6, 2, 3, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(6, 2, 2, 2) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(6, 2, 2, 1, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(6, 2, 1, 3) = 11^{12} + 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(6, 2, 1, 2, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(6, 2, 1, 1, 2) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(6, 2, 1, 1, 1) = 7 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(6, 1, 5) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(6, 1, 4, 1) = 11^{12} + 7 \cdot 11^{13} + 11^{14} + 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(6, 1, 3, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(6, 1, 3, 1, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(6, 1, 2, 3) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(6, 1, 2, 2, 1) = 3 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(6, 1, 2, 1, 2) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(6, 1, 2, 1, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(6, 1, 1, 4) = 8 \cdot 11^{12} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(6, 1, 1, 3, 1) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(6, 1, 1, 2, 2) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(6, 1, 1, 2, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 11^{15} + 5 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(6, 1, 1, 1, 3) = 9 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(6, 1, 1, 1, 2, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(6, 1, 1, 1, 1, 2) = 3 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(6, 1, 1, 1, 1, 1, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(5, 7) = 7 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(5, 6, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(5, 5, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(5, 5, 1, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(5, 4, 3) = 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(5, 4, 2, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(5, 4, 1, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(5, 4, 1, 1, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(5, 3, 4) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(5, 3, 3, 1) = 10 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(5, 3, 2, 2) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(5, 3, 2, 1, 1) = 6 \cdot 11^{12} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(5, 3, 1, 3) = 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(5, 3, 1, 2, 1) = 6 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(5, 3, 1, 1, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(5, 3, 1, 1, 1, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(5, 2, 5) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(5, 2, 4, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(5, 2, 3, 2) = 2 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(5, 2, 3, 1, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(5, 2, 2, 3) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(5, 2, 2, 2, 1) = 9 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(5, 2, 2, 1, 2) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(5, 2, 2, 1, 1, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(5, 2, 1, 4) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(5, 2, 1, 3, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(5, 2, 1, 2, 2) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(5, 2, 1, 2, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(5, 2, 1, 1, 3) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(5, 2, 1, 1, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(5, 2, 1, 1, 1, 2) = 5 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(5, 2, 1, 1, 1, 1) = 6 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(5, 1, 6) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(5, 1, 5, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(5, 1, 4, 2) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(5, 1, 4, 1, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(5, 1, 3, 3) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(5, 1, 3, 2, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(5, 1, 3, 1, 2) = 5 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(5, 1, 3, 1, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(5, 1, 2, 4) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(5, 1, 2, 3, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(5, 1, 2, 2, 2) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(5, 1, 2, 2, 1, 1) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(5, 1, 2, 1, 3) = 10 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(5, 1, 2, 1, 2, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(5, 1, 2, 1, 1, 2) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(5, 1, 2, 1, 1, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(5, 1, 1, 5) = 3 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(5, 1, 1, 4, 1) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(5, 1, 1, 3, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(5, 1, 1, 3, 1, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(5, 1, 1, 2, 3) = 2 \cdot 11^{12} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(5, 1, 1, 2, 2, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(5, 1, 1, 2, 1, 2) = 5 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(5, 1, 1, 2, 1, 1, 1) = 8 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(5, 1, 1, 1, 4) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(5, 1, 1, 1, 3, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(5, 1, 1, 1, 2, 2) = 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(5, 1, 1, 1, 2, 1, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(5, 1, 1, 1, 3) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(5, 1, 1, 1, 2, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(5, 1, 1, 1, 1, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(5, 1, 1, 1, 1, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(4, 8) = 10 \cdot 11^{12} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(4, 7, 1) = 3 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 6, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 6, 1, 1) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 5, 3) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 5, 2, 1) = 4 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 5, 1, 2) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 5, 1, 1, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 4, 4) = O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 4, 3, 1) = 10 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 4, 2, 2) = 2 \cdot 11^{12} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 4, 2, 1, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 4, 1, 3) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 4, 1, 2, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 4, 1, 1, 2) = 7 \cdot 11^{12} + 11^{13} + 11^{14} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 4, 1, 1, 1, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 3, 5) = 2 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 3, 4, 1) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 3, 3, 2) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 3, 3, 1, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 3, 2, 3) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 3, 2, 2, 1) = 6 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 3, 2, 1, 2) = 7 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 3, 2, 1, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 3, 1, 4) = 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 3, 1, 3, 1) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 3, 1, 2, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 3, 1, 2, 1, 1) = 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 3, 1, 1, 3) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 3, 1, 1, 2, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 3, 1, 1, 1, 2) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 3, 1, 1, 1, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 2, 6) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 2, 5, 1) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 2, 4, 2) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 2, 4, 1, 1) = 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 2, 3, 3) = 11^{12} + 3 \cdot 11^{13} + 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 2, 3, 2, 1) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 2, 3, 1, 2) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 2, 3, 1, 1, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 2, 2, 4) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 2, 2, 3, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 2, 2, 2, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 2, 2, 2, 1, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 2, 2, 1, 3) = 9 \cdot 11^{12} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 2, 2, 1, 2, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 2, 2, 1, 1, 2) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 2, 2, 1, 1, 1, 1) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 2, 1, 5) = 7 \cdot 11^{12} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 2, 1, 4, 1) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 2, 1, 3, 2) = 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 2, 1, 3, 1, 1) = 10 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 2, 1, 2, 3) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 2, 1, 2, 2, 1) = 8 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 2, 1, 2, 1, 2) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 2, 1, 2, 1, 1, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{14} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 2, 1, 1, 4) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 2, 1, 1, 3, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 2, 1, 1, 2, 2) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 2, 1, 1, 2, 1, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 2, 1, 1, 1, 3) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 2, 1, 1, 1, 2, 1) = 8 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 2, 1, 1, 1, 1, 2) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 7) = 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 6, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 5, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 5, 1, 1) = 11^{12} + 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 4, 3) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 4, 2, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 4, 1, 2) = 3 \cdot 11^{12} + 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 4, 1, 1, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 3, 4) = 9 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 3, 3, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 3, 2, 2) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 3, 2, 1, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 3, 1, 3) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 3, 1, 2, 1) = 4 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 3, 1, 1, 2) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 3, 1, 1, 1, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 2, 5) = 11^{12} + 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 2, 4, 1) = 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 2, 3, 2) = 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 2, 3, 1, 1) = 8 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 2, 2, 3) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 2, 2, 2, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 2, 2, 1, 2) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 2, 2, 1, 1, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 2, 1, 4) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 2, 1, 3, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 2, 1, 2, 2) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 2, 1, 2, 1, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 2, 1, 1, 3) = 5 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 2, 1, 1, 2, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 2, 1, 1, 1, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 6) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 5, 1) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 4, 2) = 11^{12} + 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 4, 1, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 3, 3) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 3, 2, 1) = 11^{12} + 11^{13} + 11^{14} + 5 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 3, 1, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 3, 1, 1, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 2, 4) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 2, 3, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 2, 2, 2) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 2, 2, 1, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 2, 1, 3) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 2, 1, 2, 1) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 2, 1, 1, 2) = 7 \cdot 11^{12} + 11^{13} + 11^{14} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 11^{12} + 11^{13} + 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 5) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 4, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 3, 2) = 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 3, 1, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 2, 3) = 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 2, 2, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 2, 1, 2) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 4) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 3, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{16} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 2, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 3) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 1, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 9) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 8, 1) = 3 \cdot 11^{12} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 7, 2) = 11^{12} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 7, 1, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 6, 3) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 6, 2, 1) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 11^{15} + 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 6, 1, 2) = 6 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 6, 1, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 5, 4) = 7 \cdot 11^{12} + 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 5, 3, 1) = 3 \cdot 11^{13} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 5, 2, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 5, 2, 1, 1) = 11^{12} + 11^{13} + 11^{14} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 5, 1, 3) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 5, 1, 2, 1) = 8 \cdot 11^{13} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 5, 1, 1, 2) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 5, 1, 1, 1, 1) = 2 \cdot 11^{12} + 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 4, 5) = 7 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 4, 4, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 4, 3, 2) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 4, 3, 1, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 4, 2, 3) = 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 4, 2, 2, 1) = 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 4, 2, 1, 2) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 4, 2, 1, 1, 1) = 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 4, 1, 4) = 3 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 4, 1, 3, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 4, 1, 2, 2) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 4, 1, 2, 1, 1) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 4, 1, 1, 3) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 4, 1, 1, 2, 1) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 4, 1, 1, 1, 2) = 5 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 4, 1, 1, 1, 1, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 3, 6) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{15} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 3, 5, 1) = 6 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 3, 4, 2) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 3, 4, 1, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 3, 3, 3) = 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 3, 3, 2, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 3, 3, 1, 2) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 3, 3, 1, 1, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 3, 2, 4) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 3, 2, 3, 1) = 10 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 3, 2, 2, 2) = 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 3, 2, 2, 1, 1) = 10 \cdot 11^{12} + 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 3, 2, 1, 3) = 8 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 3, 2, 1, 2, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 3, 2, 1, 1, 2) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 3, 2, 1, 1, 1, 1) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 3, 1, 5) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 3, 1, 4, 1) = 11^{12} + 11^{13} + 3 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 3, 1, 3, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 3, 1, 3, 1, 1) = 4 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 3, 1, 2, 3) = 6 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 3, 1, 2, 2, 1) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 3, 1, 2, 1, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 3, 1, 2, 1, 1, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 3, 1, 1, 4) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 3, 1, 1, 3, 1) = 11^{12} + 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 3, 1, 1, 2, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 3, 1, 1, 2, 1, 1) = 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 3, 1, 1, 1, 3) = 4 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 3, 1, 1, 1, 2, 1) = 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 3, 1, 1, 1, 1, 2) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{14} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 2, 7) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 2, 6, 1) = 10 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 2, 5, 2) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 2, 5, 1, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 4, 3) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 4, 2, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 4, 1, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 4, 1, 1, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 3, 4) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 3, 3, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 3, 2, 2) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 3, 2, 1, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 3, 1, 3) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 3, 1, 2, 1) = 7 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 3, 1, 1, 2) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 3, 1, 1, 1, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 2, 2, 5) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 2, 2, 4, 1) = 7 \cdot 11^{12} + 11^{13} + 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 2, 2, 3, 2) = 10 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 2, 2, 3, 1, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 2, 2, 3) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 2, 2, 2, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 2, 2, 1, 2) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 2, 2, 1, 1, 1) = 5 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 2, 1, 4) = 3 \cdot 11^{12} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 2, 1, 3, 1) = 3 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 2, 1, 2, 2) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 2, 1, 2, 1, 1) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 2, 1, 1, 3) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{15} + 8 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 2, 1, 1, 2, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 2, 1, 1, 1, 2) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 6) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 5, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 4, 2) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 4, 1, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 3, 3) = 10 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 3, 2, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 3, 1, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 3, 1, 1, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 2, 4) = 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 2, 3, 1) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 2, 2, 2) = 7 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 2, 2, 1, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 2, 1, 3) = 9 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 2, 1, 2, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 2, 1, 1, 2) = 7 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 2, 1, 1, 1, 1) = 5 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 5) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 4, 1) = 7 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 3, 2) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 3, 1, 1) = 5 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 2, 3) = 2 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 2, 2, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 2, 1, 2) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 2, 1, 1, 1) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 4) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 3, 1) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 2, 2) = 5 \cdot 11^{12} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 2, 1, 1) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 3) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 2, 1) = 11^{12} + 11^{14} + 2 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 1, 2) = 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 8) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 7, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 6, 2) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 6, 1, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 5, 3) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 5, 2, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 5, 1, 2) = 10 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 5, 1, 1, 1) = 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 4, 4) = 5 \cdot 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 4, 3, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 4, 2, 2) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 4, 2, 1, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 4, 1, 3) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 4, 1, 2, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 4, 1, 1, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 4, 1, 1, 1, 1) = 5 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 3, 5) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 3, 4, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 3, 3, 2) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 3, 3, 1, 1) = 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 3, 2, 3) = 11^{12} + 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 3, 2, 2, 1) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 3, 2, 1, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 3, 2, 1, 1, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 3, 1, 4) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 3, 1, 3, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 3, 1, 2, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 3, 1, 2, 1, 1) = 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 3, 1, 1, 3) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 3, 1, 1, 2, 1) = 3 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 3, 1, 1, 1, 2) = 5 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 3, 1, 1, 1, 1, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 2, 6) = 6 \cdot 11^{13} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 2, 5, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 2, 4, 2) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 2, 4, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 2, 3, 3) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 2, 3, 2, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 2, 3, 1, 2) = 9 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 2, 3, 1, 1, 1) = 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 2, 2, 4) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 2, 2, 3, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 2, 2, 2, 2) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 2, 2, 2, 1, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 2, 2, 1, 3) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 2, 2, 1, 2, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 2, 2, 1, 1, 2) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 2, 2, 1, 1, 1, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 2, 1, 5) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 2, 1, 4, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 2, 1, 3, 2) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 3, 1, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 2, 1, 2, 3) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 2, 1, 2, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 2, 1, 2, 1, 2) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 2, 1, 1, 1) = 6 \cdot 11^{12} + 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 2, 1, 1, 4) = 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 2, 1, 1, 3, 1) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 2, 1, 1, 2, 2) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 1, 2, 1, 1) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 2, 1, 1, 1, 3) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 2, 1, 1, 1, 2, 1) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 7) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 6, 1) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 5, 2) = 11^{12} + 11^{13} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 5, 1, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 4, 3) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 4, 2, 1) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 4, 1, 2) = 5 \cdot 11^{12} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 4, 1, 1, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 3, 4) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 3, 3, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 3, 2, 2) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 3, 2, 1, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 3, 1, 3) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 3, 1, 2, 1) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 3, 1, 1, 2) = 3 \cdot 11^{12} + 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 2, 5) = 5 \cdot 11^{12} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 2, 4, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 2, 3, 2) = 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 2, 3, 1, 1) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 2, 2, 3) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 2, 2, 2, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 2, 2, 1, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 2, 2, 1, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 2, 1, 4) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 2, 1, 3, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 2, 1, 2, 2) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 2, 1, 2, 1, 1) = 3 \cdot 11^{12} + 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 2, 1, 1, 3) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 2, 1, 1, 2, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 2, 1, 1, 1, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 6) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 5, 1) = 10 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 4, 2) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{15} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 4, 1, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 3, 3) = 10 \cdot 11^{12} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 3, 2, 1) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 3, 1, 2) = 10 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 2, 4) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{16} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 2, 3, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 2, 2, 2) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 2, 2, 1, 1) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 2, 1, 3) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 2, 1, 2, 1) = 3 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 2, 1, 1, 2) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 11^{12} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 5) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 4, 1) = 5 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 11^{15} + 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 3, 2) = 8 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 3, 1, 1) = 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 2, 3) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 2, 2, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 2, 1, 1, 1) = 11^{12} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 4) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 3, 1) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 2, 2) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 1, 3) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 1, 1, 2) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 11^{12} + 11^{13} + 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 10) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 9, 1) = 6 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 8, 2) = 8 \cdot 11^{12} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 8, 1, 1) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 7, 3) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 7, 2, 1) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 7, 1, 2) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 7, 1, 1, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 6, 4) = 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 6, 3, 1) = 8 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 6, 2, 2) = 10 \cdot 11^{12} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 6, 2, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 6, 1, 3) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 6, 1, 2, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 6, 1, 1, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 6, 1, 1, 1, 1) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 5, 5) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 5, 4, 1) = 9 \cdot 11^{12} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 5, 3, 2) = 7 \cdot 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 5, 3, 1, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 5, 2, 3) = 4 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 5, 2, 2, 1) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 5, 2, 1, 2) = 5 \cdot 11^{12} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 5, 2, 1, 1, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 5, 1, 4) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 5, 1, 3, 1) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 5, 1, 2, 2) = 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 5, 1, 2, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 5, 1, 1, 3) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 5, 1, 1, 2, 1) = 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 5, 1, 1, 1, 2) = 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 5, 1, 1, 1, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 4, 6) = 11^{12} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 4, 5, 1) = 7 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 4, 4, 2) = 9 \cdot 11^{12} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 4, 4, 1, 1) = 10 \cdot 11^{12} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 4, 3, 3) = 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 4, 3, 2, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 4, 3, 1, 2) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 4, 3, 1, 1, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 4, 2, 4) = 6 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 4, 2, 3, 1) = 2 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 4, 2, 2, 2) = 5 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 4, 2, 2, 1, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 4, 2, 1, 3) = 10 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 4, 2, 1, 2, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 4, 2, 1, 1, 2) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 4, 2, 1, 1, 1, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 11^{16} + 2 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 4, 1, 5) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 4, 1, 4, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 4, 1, 3, 2) = 10 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 4, 1, 3, 1, 1) = 2 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 4, 1, 2, 3) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 4, 1, 2, 2, 1) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 3, 2, 1, 4) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 3, 2, 1, 3, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 3, 2, 1, 2, 2) = 8 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 3, 2, 1, 2, 1, 1) = 7 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 3, 2, 1, 1, 3) = 9 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 3, 2, 1, 1, 2, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 3, 2, 1, 1, 1, 2) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 3, 2, 1, 1, 1, 1, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 3, 1, 6) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 3, 1, 5, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{16} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 3, 1, 4, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 3, 1, 4, 1, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 3, 1, 3, 3) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 3, 1, 3, 2, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 3, 1, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 3, 1, 1, 1) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 3, 1, 2, 4) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 3, 1, 2, 3, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 3, 1, 2, 2, 2) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 3, 1, 2, 2, 1, 1) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 3, 1, 2, 1, 3) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 3, 1, 2, 1, 2, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 2, 1, 1, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 2, 1, 1, 1, 1) = 4 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 3, 1, 1, 5) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 3, 1, 1, 4, 1) = 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 3, 1, 1, 3, 2) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 3, 1, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 3, 1, 1, 2, 3) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 3, 1, 1, 2, 2, 1) = 7 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 1, 2, 1, 2) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 2, 1, 1, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 3, 1, 1, 1, 4) = 4 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 11^{16} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 3, 1, 1, 1, 3, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 3, 1, 1, 1, 2, 2) = 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 1, 2, 1, 1) = 6 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 3, 1, 1, 1, 1, 3) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 3, 1, 1, 1, 1, 2, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 3, 1, 1, 1, 1, 1, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 8) = 4 \cdot 11^{12} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 7, 1) = 10 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 6, 2) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 6, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 5, 3) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 5, 2, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 5, 1, 2) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 5, 1, 1, 1) = 6 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 4, 4) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 4, 3, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 4, 2, 2) = 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 4, 2, 1, 1) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 4, 1, 3) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 4, 1, 2, 1) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 4, 1, 1, 2) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 4, 1, 1, 1, 1) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 3, 5) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 3, 4, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 3, 3, 2) = 8 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 3, 3, 1, 1) = 11^{12} + 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 3, 2, 3) = 5 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 3, 2, 2, 1) = 5 \cdot 11^{12} + 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 3, 2, 1, 2) = 7 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 3, 2, 1, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 3, 1, 4) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 3, 1, 3, 1) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 3, 1, 2, 2) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 3, 1, 2, 1, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 3, 1, 1, 3) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 3, 1, 1, 2, 1) = 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 3, 1, 1, 1, 2) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 3, 1, 1, 1, 1) = 3 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 2, 6) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 2, 5, 1) = 4 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 2, 4, 2) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 2, 4, 1, 1) = 10 \cdot 11^{12} + 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 2, 3, 3) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 2, 3, 2, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 2, 3, 1, 2) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 2, 3, 1, 1, 1) = 2 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 2, 2, 4) = 3 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 2, 2, 3, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 2, 2, 2, 2) = O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 2, 2, 2, 1, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 2, 2, 1, 3) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 2, 2, 1, 2, 1) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 2, 2, 1, 1, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 2, 2, 1, 1, 1, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 2, 1, 5) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 2, 1, 4, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 2, 1, 3, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 2, 1, 3, 1, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 2, 1, 2, 3) = 9 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 2, 1, 2, 2, 1) = 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 2, 1, 2, 1, 2) = 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 2, 1, 2, 1, 1, 1) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 2, 1, 1, 4) = 10 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 2, 1, 1, 3, 1) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 2, 1, 1, 2, 2) = 5 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 2, 1, 1, 2, 1, 1) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 2, 1, 1, 1, 3) = 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 2, 1, 1, 1, 2, 1) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
\end{aligned}$$





$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 6) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 5, 1) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 4, 2) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 4, 1, 1) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 3, 3) = 3 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 3, 2, 1) = 3 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 11^{15} + 10 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 3, 1, 2) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 3, 1, 1, 1) = 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 2, 4) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 2, 3, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 2, 2, 2) = 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 2, 2, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 2, 1, 3) = 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{16} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 2, 1, 2, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 2, 1, 1, 2) = 2 \cdot 11^{12} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 11^{12} + 7 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 5) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 4, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 3, 2) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 3, 1, 1) = 3 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 2, 3) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 2, 2, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 2, 1, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 4) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 3, 1) = 11^{13} + 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 2, 2) = 10 \cdot 11^{12} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 1, 3) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 7 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 9) = 2 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 8, 1) = 6 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 7, 2) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 7, 1, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 6, 3) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 6, 2, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 6, 1, 2) = 8 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 6, 1, 1, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 5, 4) = 7 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 5, 3, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 5, 2, 2) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 5, 2, 1, 1) = 11^{12} + 8 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 5, 1, 3) = 3 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 5, 1, 2, 1) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 5, 1, 1, 2) = 11^{12} + 8 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 5, 1, 1, 1, 1) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 4, 5) = 8 \cdot 11^{12} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 4, 4, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 4, 3, 2) = 9 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 4, 3, 1, 1) = 11^{12} + 11^{13} + 8 \cdot 11^{15} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 4, 2, 3) = 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 4, 2, 2, 1) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 4, 2, 1, 2) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 4, 2, 1, 1, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 4, 1, 4) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 4, 1, 3, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 4, 1, 2, 2) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 4, 1, 2, 1, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 4, 1, 1, 3) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 4, 1, 1, 2, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 4, 1, 1, 1, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 4, 1, 1, 1, 1, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 3, 6) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 3, 5, 1) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 3, 4, 2) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 3, 4, 1, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 3, 3, 3) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 3, 3, 2, 1) = 7 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 3, 3, 1, 2) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 3, 3, 1, 1, 1) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 3, 2, 4) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 3, 2, 3, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 3, 2, 2, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 3, 2, 2, 1, 1) = 10 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 3, 2, 1, 3) = 8 \cdot 11^{12} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 3, 2, 1, 2, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 3, 2, 1, 1, 2) = 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 3, 2, 1, 1, 1, 1) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 3, 1, 5) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 3, 1, 4, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 3, 1, 3, 2) = 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 3, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 3, 1, 2, 3) = 2 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 3, 1, 2, 2, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 3, 1, 2, 1, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 3, 1, 1, 4) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 3, 1, 1, 3, 1) = 11^{12} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 3, 1, 1, 2, 2) = 10 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 1, 2, 1, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 3, 1, 1, 1, 3) = 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 3, 1, 1, 1, 2, 1) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 3, 1, 1, 1, 1, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 11^{12} + 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 7) = 9 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 6, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 5, 2) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 5, 1, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 4, 3) = 7 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 4, 2, 1) = 7 \cdot 11^{12} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 4, 1, 2) = 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 4, 1, 1, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 3, 4) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 3, 3, 1) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 3, 2, 2) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 3, 2, 1, 1) = 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 3, 1, 3) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 3, 1, 2, 1) = 3 \cdot 11^{12} + 11^{13} + 11^{14} + 6 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 3, 1, 1, 2) = 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 3, 1, 1, 1, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 2, 5) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 2, 4, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 2, 3, 2) = 6 \cdot 11^{12} + 2 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 2, 3, 1, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 2, 2, 3) = 11^{12} + 5 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 2, 2, 2, 1) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 2, 2, 1, 2) = 10 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 2, 2, 1, 1, 1) = 9 \cdot 11^{12} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 2, 1, 4) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 2, 1, 3, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 2, 1, 2, 2) = 4 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 2, 1, 2, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 2, 1, 1, 3) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 2, 1, 1, 2, 1) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 2, 1, 1, 1, 2) = 2 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 6) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 5, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 4, 2) = 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 4, 1, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 3, 3) = 11^{12} + 11^{13} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 3, 2, 1) = 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 3, 1, 2) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 3, 1, 1, 1) = 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 2, 4) = 11^{13}+3\cdot 11^{14}+3\cdot 11^{15}+4\cdot 11^{16}+6\cdot 11^{17}+11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 2, 3, 1) = 11^{12}+4\cdot 11^{13}+2\cdot 11^{14}+3\cdot 11^{15}+5\cdot 11^{16}+7\cdot 11^{17}+11^{18}+2\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 2, 2, 2) = 8\cdot 11^{13}+6\cdot 11^{14}+5\cdot 11^{15}+11^{16}+8\cdot 11^{17}+6\cdot 11^{18}+3\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 2, 2, 1, 1) = 10\cdot 11^{13}+11^{14}+2\cdot 11^{16}+11^{18}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 2, 1, 3) = 2\cdot 11^{12}+10\cdot 11^{13}+6\cdot 11^{14}+11^{15}+11^{16}+3\cdot 11^{17}+7\cdot 11^{18}+3\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 2, 1, 2, 1) = 6\cdot 11^{12}+4\cdot 11^{13}+5\cdot 11^{14}+9\cdot 11^{15}+10\cdot 11^{16}+6\cdot 11^{17}+4\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 2, 1, 1, 2) = 4\cdot 11^{12}+8\cdot 11^{13}+4\cdot 11^{14}+11^{15}+6\cdot 11^{16}+4\cdot 11^{17}+3\cdot 11^{18}+3\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 7\cdot 11^{12}+2\cdot 11^{13}+7\cdot 11^{14}+10\cdot 11^{15}+4\cdot 11^{16}+9\cdot 11^{17}+2\cdot 11^{18}+10\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 5) = 5\cdot 11^{12}+8\cdot 11^{13}+6\cdot 11^{14}+6\cdot 11^{16}+7\cdot 11^{18}+5\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 4, 1) = 2\cdot 11^{12}+5\cdot 11^{13}+9\cdot 11^{14}+11^{15}+3\cdot 11^{16}+2\cdot 11^{17}+8\cdot 11^{18}+8\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 3, 2) = 9\cdot 11^{13}+4\cdot 11^{14}+9\cdot 11^{15}+3\cdot 11^{16}+5\cdot 11^{17}+5\cdot 11^{18}+10\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 3, 1, 1) = 3\cdot 11^{13}+2\cdot 11^{14}+4\cdot 11^{15}+8\cdot 11^{17}+10\cdot 11^{18}+8\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 2, 3) = 6\cdot 11^{12}+7\cdot 11^{13}+7\cdot 11^{14}+6\cdot 11^{15}+5\cdot 11^{16}+10\cdot 11^{17}+2\cdot 11^{18}+9\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 2, 2, 1) = 3\cdot 11^{12}+7\cdot 11^{14}+10\cdot 11^{15}+2\cdot 11^{16}+11^{17}+4\cdot 11^{18}+11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 2, 1, 2) = 2\cdot 11^{12}+5\cdot 11^{13}+5\cdot 11^{14}+10\cdot 11^{15}+9\cdot 11^{16}+9\cdot 11^{17}+5\cdot 11^{18}+8\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 11^{13}+11^{15}+7\cdot 11^{16}+8\cdot 11^{17}+2\cdot 11^{18}+5\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 4) = 11^{12}+5\cdot 11^{13}+4\cdot 11^{15}+9\cdot 11^{17}+7\cdot 11^{18}+9\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 3, 1) = 9\cdot 11^{12}+2\cdot 11^{13}+7\cdot 11^{14}+5\cdot 11^{15}+11^{16}+5\cdot 11^{17}+7\cdot 11^{18}+9\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 2, 2) = 7\cdot 11^{13}+4\cdot 11^{15}+7\cdot 11^{16}+7\cdot 11^{17}+2\cdot 11^{18}+10\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 5\cdot 11^{12}+10\cdot 11^{13}+4\cdot 11^{14}+11^{16}+4\cdot 11^{17}+5\cdot 11^{18}+8\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 1, 3) = 7\cdot 11^{12}+11^{13}+7\cdot 11^{14}+4\cdot 11^{15}+7\cdot 11^{16}+8\cdot 11^{17}+11^{18}+3\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 7\cdot 11^{13}+4\cdot 11^{16}+6\cdot 11^{17}+2\cdot 11^{18}+8\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 3\cdot 11^{12}+6\cdot 11^{13}+10\cdot 11^{14}+11^{15}+5\cdot 11^{16}+5\cdot 11^{17}+10\cdot 11^{18}+10\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 11^{12}+6\cdot 11^{13}+2\cdot 11^{14}+9\cdot 11^{15}+11^{16}+2\cdot 11^{17}+10\cdot 11^{18}+7\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 8) = 5\cdot 11^{12}+2\cdot 11^{13}+7\cdot 11^{14}+10\cdot 11^{15}+9\cdot 11^{16}+4\cdot 11^{17}+8\cdot 11^{18}+5\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 7, 1) = 11^{12}+2\cdot 11^{13}+3\cdot 11^{15}+9\cdot 11^{16}+11^{17}+3\cdot 11^{18}+9\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 6, 2) = 7\cdot 11^{12}+3\cdot 11^{13}+9\cdot 11^{14}+11^{15}+8\cdot 11^{16}+11^{17}+10\cdot 11^{18}+5\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 6, 1, 1) = 2\cdot 11^{12}+10\cdot 11^{13}+2\cdot 11^{14}+10\cdot 11^{15}+4\cdot 11^{17}+11^{18}+6\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 5, 3) = 9\cdot 11^{12}+3\cdot 11^{13}+8\cdot 11^{14}+2\cdot 11^{15}+10\cdot 11^{16}+8\cdot 11^{17}+4\cdot 11^{18}+5\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 5, 2, 1) = 4\cdot 11^{12}+7\cdot 11^{13}+6\cdot 11^{14}+2\cdot 11^{15}+4\cdot 11^{16}+2\cdot 11^{17}+5\cdot 11^{18}+2\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 5, 1, 2) = 7\cdot 11^{12}+6\cdot 11^{13}+8\cdot 11^{15}+9\cdot 11^{17}+6\cdot 11^{18}+10\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 5, 1, 1, 1) = 9\cdot 11^{12}+6\cdot 11^{13}+4\cdot 11^{15}+6\cdot 11^{16}+8\cdot 11^{18}+3\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 4, 4) = 2\cdot 11^{12}+2\cdot 11^{13}+10\cdot 11^{14}+10\cdot 11^{17}+4\cdot 11^{18}+7\cdot 11^{19}+O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 4, 3, 1) = 2\cdot 11^{12}+8\cdot 11^{13}+10\cdot 11^{14}+6\cdot 11^{15}+3\cdot 11^{16}+10\cdot 11^{17}+10\cdot 11^{18}+3\cdot 11^{19}+O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 4, 2, 2) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 4, 2, 1, 1) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 4, 1, 3) = 11^{12} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 4, 1, 2, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 4, 1, 1, 2) = 11^{12} + 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 4, 1, 1, 1, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{16} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 3, 5) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 3, 4, 1) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 3, 3, 2) = 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 3, 3, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 3, 2, 3) = 5 \cdot 11^{12} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 3, 2, 2, 1) = 5 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 3, 2, 1, 2) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 3, 2, 1, 1, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 3, 1, 4) = 8 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 3, 1, 3, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 3, 1, 2, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 3, 1, 2, 1, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 3, 1, 1, 3) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 3, 1, 1, 2, 1) = 8 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 3, 1, 1, 1, 2) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 11^{12} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 6) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 5, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 4, 2) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 4, 1, 1) = 5 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 3, 3) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 3, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{14} + 10 \cdot 11^{16} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 3, 1, 2) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 3, 1, 1, 1) = 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 2, 4) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 2, 3, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 2, 2, 2) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 2, 2, 1, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 2, 1, 3) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 2, 1, 2, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{16} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 2, 1, 1, 2) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{16} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 5) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 4, 1) = 11^{12} + 7 \cdot 11^{14} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 3, 2) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 3, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 2, 3) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 2, 2, 1) = 6 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 2, 1, 2) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 2, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 4) = 11^{12} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 3, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{15} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 2, 2) = 9 \cdot 11^{12} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 1, 3) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 7) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 6, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 5, 2) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 5, 1, 1) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 4, 3) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 4, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 4, 1, 2) = 11^{12} + 11^{13} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 4, 1, 1, 1) = 2 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 3, 4) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 3, 3, 1) = 10 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 3, 2, 2) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 3, 2, 1, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 3, 1, 3) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 3, 1, 2, 1) = 7 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 3, 1, 1, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 3, 1, 1, 1) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{14} + 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 5) = 9 \cdot 11^{12} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 4, 1) = 11^{12} + 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 3, 2) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 3, 1, 1) = 2 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 2, 3) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{16} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 2, 2, 1) = 3 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 2, 1, 2) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 4) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 3, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 2, 2) = 6 \cdot 11^{12} + 6 \cdot 11^{14} + 2 \cdot 11^{16} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 1, 3) = 3 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 6) = 11^{12} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 5, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 4, 2) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 3, 3) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 3, 2, 1) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 3, 1, 2) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 4) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 3, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 2, 2) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 1, 3) = 6 \cdot 11^{12} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 10 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 6, 3, 2) = 7 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 6, 3, 1, 1) = 3 \cdot 11^{12} + 6 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 6, 2, 3) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 6, 2, 2, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 6, 2, 1, 2) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 6, 2, 1, 1, 1) = 3 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 6, 1, 4) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 6, 1, 3, 1) = 2 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 6, 1, 2, 2) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 6, 1, 2, 1, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 6, 1, 1, 3) = 4 \cdot 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 6, 1, 1, 2, 1) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 6, 1, 1, 1, 2) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 6, 1, 1, 1, 1, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 5, 6) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 5, 5, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 5, 4, 2) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 5, 4, 1, 1) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 5, 3, 3) = 3 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 5, 3, 2, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 5, 3, 1, 2) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 5, 3, 1, 1, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 5, 2, 4) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 5, 2, 3, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 5, 2, 2, 2) = 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 5, 2, 2, 1, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 5, 2, 1, 3) = 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 5, 2, 1, 2, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 5, 2, 1, 1, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 5, 2, 1, 1, 1, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 5, 1, 5) = 8 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 5, 1, 4, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 5, 1, 3, 2) = 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 5, 1, 3, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 5, 1, 2, 3) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 5, 1, 2, 2, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 5, 1, 2, 1, 2) = 4 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 5, 1, 2, 1, 1, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 5, 1, 1, 4) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 5, 1, 1, 3, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 5, 1, 1, 2, 2) = 3 \cdot 11^{12} + 11^{14} + 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 5, 1, 1, 2, 1, 1) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 5, 1, 1, 1, 3) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 5, 1, 1, 1, 2, 1) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 5, 1, 1, 1, 1, 2) = 9 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 5, 1, 1, 1, 1, 1, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 7) = 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 6, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 5, 2) = 3 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 5, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 4, 3) = 3 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 4, 2, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 4, 1, 2) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 4, 1, 1, 1) = 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 3, 4) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 3, 3, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{14} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 3, 2, 2) = 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 3, 2, 1, 1) = 2 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 3, 1, 3) = 6 \cdot 11^{13} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 3, 1, 2, 1) = 2 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 3, 1, 1, 2) = 5 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 3, 1, 1, 1, 1) = 7 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 2, 5) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 2, 4, 1) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 2, 3, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 2, 3, 1, 1) = 7 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 2, 2, 3) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 2, 2, 2, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 2, 2, 1, 2) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{15} + 8 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 2, 2, 1, 1, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 2, 1, 4) = 8 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 2, 1, 3, 1) = 6 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 2, 1, 2, 2) = 9 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 2, 1, 2, 1, 1) = 10 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 2, 1, 1, 3) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 2, 1, 1, 2, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 2, 1, 1, 1, 2) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 2, 1, 1, 1, 1, 1) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 6) = 7 \cdot 11^{12} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 5, 1) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 4, 2) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 4, 1, 1) = 10 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 3, 3) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 3, 2, 1) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 3, 1, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 3, 1, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 2, 4) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 2, 3, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 2, 2, 2) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 2, 2, 1, 1) = 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 2, 1, 3) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 2, 1, 2, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 2, 1, 1, 2) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 2, 1, 1, 1, 1) = 11^{12} + 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 5) = 2 \cdot 11^{12} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 4, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 3, 2) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 3, 1, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 2, 3) = 11^{12} + 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 2, 2, 1) = 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 2, 1, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 2, 1, 1, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 4) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 3, 1) = 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 2, 2) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 2, 1, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 3) = 4 \cdot 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 2, 1) = 11^{12} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 1, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 8) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 7, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 6, 2) = 6 \cdot 11^{12} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 6, 1, 1) = 11^{12} + 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 5, 3) = 6 \cdot 11^{13} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 5, 2, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 5, 1, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 5, 1, 1, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 4, 4) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 4, 3, 1) = 4 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 4, 2, 2) = 4 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{16} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 4, 2, 1, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 4, 1, 3) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 4, 1, 2, 1) = 11^{12} + 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 4, 1, 1, 2) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 4, 1, 1, 1, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 3, 5) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 3, 4, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 3, 3, 2) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 3, 3, 1, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 3, 2, 3) = 9 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{15} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 3, 2, 2, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 3, 2, 1, 2) = 9 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 3, 2, 1, 1, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 3, 1, 4) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 3, 1, 3, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 3, 1, 2, 2) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 3, 1, 2, 1, 1) = 4 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 3, 1, 1, 3) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 3, 1, 1, 2, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 3, 1, 1, 1, 2) = 10 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 3, 1, 1, 1, 1) = 4 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 6) = 9 \cdot 11^{12} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 5, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 4, 2) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 4, 1, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 3, 3) = 8 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 3, 2, 1) = 8 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 2, 3, 1, 2) = 2 \cdot 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 3, 1, 1, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 2, 4) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 2, 3, 1) = 5 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 2, 2, 2) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 2, 2, 1, 1) = 11^{12} + 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 2, 1, 3) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 2, 1, 2, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 2, 2, 1, 1, 2) = 9 \cdot 11^{12} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 2, 1, 1, 1, 1) = 4 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 5) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 4, 1) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 3, 2) = 8 \cdot 11^{12} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 3, 1, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 2, 3) = 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 2, 2, 1) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 2, 1, 2) = 8 \cdot 11^{12} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 2, 1, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 1, 4) = 7 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 3, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 1, 2, 2) = 10 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 2, 1, 1) = 3 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 2, 1, 1, 1, 3) = 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 1, 2, 1) = 10 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 2, 1, 1, 1, 1, 2) = 11^{12} + 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 2, 1, 1, 1, 1, 1) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 7) = 4 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 6, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 5, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 5, 1, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 4, 3) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 4, 2, 1) = 8 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 4, 1, 2) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 4, 1, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{16} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 3, 4) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 3, 3, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 3, 2, 2) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 3, 2, 1, 1) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 3, 1, 3) = O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 3, 1, 2, 1) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 3, 1, 1, 2) = 4 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 3, 1, 1, 1, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 2, 5) = 5 \cdot 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 2, 4, 1) = 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 2, 3, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 2, 3, 1, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 2, 2, 3) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 2, 2, 2, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 3, 1, 2, 2, 1, 2) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 3, 1, 2, 2, 1, 1, 1) = 11^{12} + 4 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 3, 1, 2, 1, 4) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 3, 1, 2, 1, 3, 1) = 6 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 3, 1, 2, 1, 2, 2) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 3, 1, 2, 1, 2, 1, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 3, 1, 2, 1, 1, 3) = 6 \cdot 11^{13} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 3, 1, 2, 1, 1, 2, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$





$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 9) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 8, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 7, 2) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 7, 1, 1) = 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 6, 3) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 6, 2, 1) = 2 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 6, 1, 2) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 6, 1, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 5, 4) = 7 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 5, 3, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 5, 2, 2) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 5, 2, 1, 1) = 2 \cdot 11^{12} + 11^{13} + 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 5, 1, 3) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 5, 1, 2, 1) = 5 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 5, 1, 1, 2) = 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 5, 1, 1, 1, 1) = 10 \cdot 11^{12} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 4, 5) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 4, 4, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 4, 3, 2) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 4, 3, 1, 1) = 9 \cdot 11^{12} + 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 4, 2, 3) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 4, 2, 2, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 4, 2, 1, 2) = 2 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 4, 2, 1, 1, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{16} + 3 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 4, 1, 4) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 4, 1, 3, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 4, 1, 2, 2) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 4, 1, 2, 1, 1) = 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 4, 1, 1, 3) = 11^{12} + 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 4, 1, 1, 2, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 4, 1, 1, 1, 2) = 2 \cdot 11^{12} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 4, 1, 1, 1, 1, 1) = 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 6) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 5, 1) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 4, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 4, 1, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 3, 3) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 3, 2, 1) = 11^{12} + 4 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 3, 1, 2) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 3, 1, 1, 1) = 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 2, 4) = 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 2, 3, 1) = 2 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 2, 2, 2) = 9 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 2, 2, 1, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 2, 1, 3) = 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 2, 1, 2, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 2, 1, 1, 2) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 2, 1, 1, 1, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 5) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 4, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 3, 2) = 2 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 3, 1, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 2, 3) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 2, 2, 1) = 3 \cdot 11^{12} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 2, 1, 2) = 6 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 2, 1, 1, 1) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 4) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 3, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 2, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 2, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 3) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 2, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 1, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 4 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 7) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 6, 1) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 5, 2) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{16} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 5, 1, 1) = 6 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 4, 3) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 4, 2, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 4, 1, 2) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 4, 1, 1, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 3, 4) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 3, 3, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 3, 2, 2) = 10 \cdot 11^{12} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 3, 2, 1, 1) = 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 3, 1, 3) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 3, 1, 2, 1) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 5 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 3, 1, 1, 2) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 3, 1, 1, 1, 1) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 2, 5) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 2, 4, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 2, 3, 2) = 11^{12} + 5 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 2, 3, 1, 1) = 2 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 2, 2, 3) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 2, 2, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 2, 2, 1, 2) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 2, 2, 1, 1, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 2, 1, 4) = 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 2, 1, 3, 1) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 2, 1, 2, 2) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 2, 1, 2, 1, 1) = 8 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 2, 1, 1, 3) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 2, 1, 1, 2, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 11^{16} + 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 2, 1, 1, 1, 2) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 2 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 6) = 5 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 5, 1) = 3 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 4, 2) = 5 \cdot 11^{12} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 9 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 4, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 3, 3) = 8 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 3, 2, 1) = 10 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 3, 1, 2) = 11^{12} + 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 3, 1, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 2, 4) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 2, 3, 1) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 2, 2, 2) = 5 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 2, 2, 1, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 2, 1, 3) = 9 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{15} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 2, 1, 2, 1) = 4 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 2, 1, 1, 2) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 5) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 4, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 3, 2) = 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 3, 1, 1) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 2 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 2, 3) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 2, 2, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 2, 1, 2) = 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 4) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 3, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 2, 2) = 4 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 1, 3) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 8) = 11^{12} + 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 7, 1) = 7 \cdot 11^{12} + 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 6, 2) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 6, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 5, 3) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 5, 2, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 5, 1, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 5, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 4, 4) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 4, 3, 1) = 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 4, 2, 2) = 3 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 4, 2, 1, 1) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 4, 1, 3) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 4, 1, 2, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 4, 1, 1, 2) = 8 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 4, 1, 1, 1, 1) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 3, 5) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 3, 4, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 3, 3, 2) = 11^{12} + 11^{13} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 3, 3, 1, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 3, 2, 3) = 8 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 3, 2, 2, 1) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 3, 2, 1, 2) = 10 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 3, 2, 1, 1, 1) = 6 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 3, 1, 4) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 3, 1, 3, 1) = 5 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 3, 1, 2, 2) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 3, 1, 2, 1, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 3, 1, 1, 3) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 3, 1, 1, 2, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 3, 1, 1, 1, 2) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 6) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 5, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 4, 2) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 4, 1, 1) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{16} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 3, 3) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 3, 2, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 3, 1, 2) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 3, 1, 1, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{16} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 2, 4) = 5 \cdot 11^{12} + 9 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 2, 3, 1) = 2 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 2, 2, 2) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 2, 2, 1, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 2, 1, 3) = 8 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 2, 1, 2, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 2, 1, 1, 2) = 11^{12} + 3 \cdot 11^{13} + 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 5 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 5) = 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 4, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 3, 2) = 10 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 3, 1, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 11^{15} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 2, 3) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 2, 2, 1) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 2, 1, 2) = 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 4) = 9 \cdot 11^{12} + 11^{14} + 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 3, 1) = 7 \cdot 11^{13} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 2, 2) = 5 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 10 \cdot 11^{12} + 3 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 8 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 1, 3) = 3 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 11^{12} + 3 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 11^{12} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 7) = 2 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 6, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 5, 2) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 5, 1, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 4, 3) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 4, 2, 1) = 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 4, 1, 2) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 4, 1, 1, 1) = 10 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 3, 4) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 3, 3, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 3, 2, 2) = 8 \cdot 11^{12} + 6 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 3, 2, 1, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 5) = 2 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 4, 1) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 3, 2) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 2, 3) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 8 \cdot 11^{12} + 8 \cdot 11^{14} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 4) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 11^{12} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 4 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 4 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 10) = 8 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 9, 1) = 4 \cdot 11^{12} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 8, 2) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 8, 1, 1) = 10 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 8 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 7, 3) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 7, 2, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 7, 1, 2) = 7 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 7, 1, 1, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 6, 4) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 6, 3, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 6, 2, 2) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 6, 2, 1, 1) = 4 \cdot 11^{12} + 11^{14} + 5 \cdot 11^{15} + 11^{16} + 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 6, 1, 3) = 4 \cdot 11^{12} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 6, 1, 2, 1) = 3 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 6, 1, 1, 2) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 6, 1, 1, 1, 1) = 6 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 5, 5) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 5, 4, 1) = 8 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 5, 3, 2) = 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 5, 3, 1, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 5, 2, 3) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 5, 2, 2, 1) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 5, 2, 1, 2) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 5, 2, 1, 1, 1) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 5, 1, 4) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 5, 1, 3, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 5, 1, 2, 2) = 4 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 11^{16} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 5, 1, 2, 1, 1) = 3 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 5, 1, 1, 3) = 6 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 5, 1, 1, 2, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 5, 1, 1, 1, 2) = 4 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 5, 1, 1, 1, 1, 1) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 4, 6) = 2 \cdot 11^{12} + 7 \cdot 11^{13} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 4, 5, 1) = 3 \cdot 11^{14} + 8 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 4, 4, 2) = 11^{12} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 4, 4, 1, 1) = 3 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 4, 3, 3) = 9 \cdot 11^{12} + 11^{14} + 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 4, 3, 2, 1) = 11^{12} + 9 \cdot 11^{13} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 4, 3, 1, 2) = 11^{12} + 5 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 4, 3, 1, 1, 1) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 4, 2, 4) = 7 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 4, 2, 3, 1) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 4, 2, 2, 2) = 10 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 4, 2, 2, 1, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 4, 2, 1, 3) = 7 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 10 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 4, 2, 1, 2, 1) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 4, 2, 1, 1, 2) = 7 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 4, 2, 1, 1, 1, 1) = 4 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 4, 1, 5) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 4, 1, 4, 1) = 3 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 4, 1, 3, 2) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 3, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 4, 1, 2, 3) = 10 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 4, 1, 2, 2, 1) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 4, 1, 2, 1, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 2, 1, 1, 1) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{15} + 8 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 4, 1, 1, 4) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 10 \cdot 11^{16} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 4, 1, 1, 3, 1) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 4, 1, 1, 2, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 1, 2, 1, 1) = 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 4, 1, 1, 1, 3) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 4, 1, 1, 1, 2, 1) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 4, 1, 1, 1, 1, 2) = 8 \cdot 11^{12} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 3, 7) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 8 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 3, 6, 1) = 3 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 5, 2) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 5, 1, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{14} + 11^{15} + 11^{16} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 3, 4, 3) = 8 \cdot 11^{12} + 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 3, 4, 2, 1) = 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 3, 4, 1, 2) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 3, 4, 1, 1, 1) = 5 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 3, 3, 4) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 3, 3, 3, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 3, 2, 2) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 3, 2, 1, 1) = 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 3, 3, 1, 3) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 3, 3, 1, 2, 1) = 6 \cdot 11^{12} + 4 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 3, 3, 1, 1, 2) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 3, 3, 1, 1, 1, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 11^{14} + 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 3, 2, 5) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 3, 2, 4, 1) = 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 3, 2, 3, 2) = 2 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 3, 2, 3, 1, 1) = 7 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{18} + 11^{19} + O(11^{20})
\end{aligned}$$







$$\begin{aligned}
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 2, 2) = 6 \cdot 11^{12} + 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 1, 3) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 11^{15} + 4 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 7 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 7) = 2 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 6, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 10 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 5, 2) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 9 \cdot 11^{15} + 4 \cdot 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 5, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 4, 3) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 4, 2, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{15} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 4, 1, 2) = 3 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 4, 1, 1, 1) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 3, 4) = 5 \cdot 11^{12} + 11^{13} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 3, 3, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 11^{14} + 4 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 3, 2, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 3, 2, 1, 1) = 7 \cdot 11^{13} + 2 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 3, 1, 3) = 8 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 3, 1, 2, 1) = 8 \cdot 11^{12} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 3, 1, 1, 2) = 9 \cdot 11^{12} + 11^{13} + 6 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{17} + 7 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 3, 1, 1, 1, 1) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 5) = 9 \cdot 11^{12} + 11^{13} + 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 4, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 3, 2) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 3, 1, 1) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 2, 3) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 7 \cdot 11^{17} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 2, 2, 1) = 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 6 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 2, 1, 2) = 7 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 2 \cdot 11^{15} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 2, 1, 1, 1) = 10 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 4) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 3 \cdot 11^{17} + 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 3, 1) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 2, 2) = 4 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 2, 1, 2, 1, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 9) = 3 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 8, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{17} + 4 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 7, 2) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 7, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 6, 3) = 2 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 6, 2, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 6, 1, 2) = 9 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 6, 1, 1, 1) = 2 \cdot 11^{12} + 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 5, 4) = 8 \cdot 11^{12} + 5 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 8 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 5, 3, 1) = 3 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 5, 2, 2) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 2 \cdot 11^{14} + 6 \cdot 11^{15} + 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 5, 2, 1, 1) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 5, 1, 3) = 8 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 5, 1, 2, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 5, 1, 1, 2) = 9 \cdot 11^{12} + 4 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 5, 1, 1, 1, 1) = 9 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{15} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 4, 5) = 9 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 4, 4, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 4, 3, 2) = 5 \cdot 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{16} + 7 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 4, 3, 1, 1) = 6 \cdot 11^{12} + 5 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 4, 2, 3) = 10 \cdot 11^{12} + 3 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 4, 2, 2, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 4, 2, 1, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 4 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 4, 2, 1, 1, 1) = 11^{12} + 10 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 4, 1, 4) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 4, 1, 3, 1) = 10 \cdot 11^{12} + 4 \cdot 11^{14} + 4 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 4, 1, 2, 2) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 4, 1, 2, 1, 1) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 4, 1, 1, 3) = 2 \cdot 11^{12} + 8 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 4, 1, 1, 2, 1) = 5 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 4, 1, 1, 1, 2) = 3 \cdot 11^{12} + 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 4, 1, 1, 1, 1, 1) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 6 \cdot 11^{14} + 4 \cdot 11^{15} + 2 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 5, 2) = 9 \cdot 11^{12} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 5, 1, 1) = 4 \cdot 11^{12} + 7 \cdot 11^{14} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 4, 3) = 5 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 3 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 4, 2, 1) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 2 \cdot 11^{14} + 10 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 4, 1, 2) = 5 \cdot 11^{12} + 4 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 4, 1, 1, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 3, 4) = 9 \cdot 11^{12} + 11^{13} + 11^{14} + 5 \cdot 11^{15} + 10 \cdot 11^{16} + 6 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 3, 3, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 10 \cdot 11^{15} + 3 \cdot 11^{17} + 5 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 3, 2, 2) = 2 \cdot 11^{13} + 5 \cdot 11^{14} + 6 \cdot 11^{15} + 7 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 3, 2, 1, 1) = 4 \cdot 11^{12} + 9 \cdot 11^{13} + 4 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 3, 1, 3) = 5 \cdot 11^{13} + 4 \cdot 11^{15} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 3, 1, 2, 1) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 11^{15} + 9 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 3, 1, 1, 2) = 11^{12} + 11^{13} + 2 \cdot 11^{14} + 7 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 8 \cdot 11^{12} + 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 4 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 5) = 10 \cdot 11^{12} + 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 4, 1) = 2 \cdot 11^{12} + 10 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 3, 2) = 10 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 3, 1, 1) = 5 \cdot 11^{12} + 4 \cdot 11^{13} + 4 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{17} + 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 2, 3) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 6 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 6 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 2, 2, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 2, 1, 2) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 10 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 4) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 9 \cdot 11^{14} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 5 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 3, 1) = 2 \cdot 11^{13} + 6 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 2, 2) = 7 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 9 \cdot 11^{12} + 9 \cdot 11^{13} + 5 \cdot 11^{14} + 11^{15} + 5 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 1, 3) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 3 \cdot 11^{16} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 2 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 3 \cdot 11^{16} + 11^{17} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 8 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 10 \cdot 11^{12} + 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 2 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 6) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 5, 1) = 8 \cdot 11^{12} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 4, 2) = 10 \cdot 11^{12} + 8 \cdot 11^{13} + 3 \cdot 11^{14} + 8 \cdot 11^{15} + 2 \cdot 11^{16} + 9 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 4, 1, 1) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 3 \cdot 11^{15} + 9 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 3, 3) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{16} + 6 \cdot 11^{17} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 3, 2, 1) = 3 \cdot 11^{12} + 4 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{16} + 11^{17} + 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 3, 1, 2) = 5 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 3, 1, 1) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 3 \cdot 11^{14} + 3 \cdot 11^{15} + 11^{16} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 4) = 6 \cdot 11^{13} + 10 \cdot 11^{14} + 9 \cdot 11^{15} + 8 \cdot 11^{16} + 4 \cdot 11^{17} + 5 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 3, 1) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{14} + 2 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 2, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 11^{12} + 8 \cdot 11^{13} + 6 \cdot 11^{14} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 1, 3) = 9 \cdot 11^{12} + 10 \cdot 11^{13} + 10 \cdot 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 11^{13} + 4 \cdot 11^{14} + 7 \cdot 11^{15} + 8 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 5) = 9 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 2 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 4, 1) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{15} + 7 \cdot 11^{16} + 5 \cdot 11^{17} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 3, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 10 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 2 \cdot 11^{12} + 6 \cdot 11^{13} + 5 \cdot 11^{14} + 2 \cdot 11^{15} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 2, 3) = 5 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 9 \cdot 11^{15} + 9 \cdot 11^{16} + 9 \cdot 11^{17} + 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 8 \cdot 11^{14} + 4 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 9 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 7 \cdot 11^{12} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 6 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 4 \cdot 11^{15} + 6 \cdot 11^{16} + 3 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 4) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 4 \cdot 11^{15} + 8 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 7 \cdot 11^{12} + 10 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 7 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 4 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 8 \cdot 11^{17} + 5 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 7 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 11^{12} + 10 \cdot 11^{13} + 11^{14} + 8 \cdot 11^{15} + 7 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 3 \cdot 11^{12} + 9 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 11^{16} + 9 \cdot 11^{17} + 9 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 8) = 7 \cdot 11^{12} + 10 \cdot 11^{14} + 10 \cdot 11^{15} + 4 \cdot 11^{16} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 7, 1) = 9 \cdot 11^{12} + 5 \cdot 11^{13} + 7 \cdot 11^{14} + 5 \cdot 11^{16} + 11^{17} + 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 6, 2) = 11^{12} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 6, 1, 1) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 5, 3) = 5 \cdot 11^{12} + 10 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
 \zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 5, 2, 1) = 3 \cdot 11^{12} + 3 \cdot 11^{13} + 10 \cdot 11^{14} + 7 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 3 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 5, 1, 2) = 4 \cdot 11^{12} + 5 \cdot 11^{13} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 5, 1, 1, 1) = 11^{12} + 7 \cdot 11^{13} + 3 \cdot 11^{14} + 7 \cdot 11^{15} + 4 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 4, 4) = 9 \cdot 11^{12} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 4 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 4, 3, 1) = 10 \cdot 11^{13} + 9 \cdot 11^{14} + 9 \cdot 11^{15} + 7 \cdot 11^{16} + 8 \cdot 11^{17} + 8 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 4, 2, 2) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 4, 2, 1, 1) = 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 4, 1, 3) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 2 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 4 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 4, 1, 2, 1) = 10 \cdot 11^{12} + 11^{13} + 5 \cdot 11^{14} + 10 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 4, 1, 1, 2) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 11^{14} + 3 \cdot 11^{15} + 10 \cdot 11^{16} + 9 \cdot 11^{17} + 4 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 9 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{16} + 4 \cdot 11^{17} + 6 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 5) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 11^{15} + 11^{17} + 8 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 4, 1) = 3 \cdot 11^{12} + 3 \cdot 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 3, 2) = 5 \cdot 11^{12} + 7 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{15} + 2 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 3, 1, 1) = 11^{12} + 10 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 5 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 2, 3) = 5 \cdot 11^{13} + 5 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 6 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 2, 2, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 6 \cdot 11^{14} + 5 \cdot 11^{15} + 7 \cdot 11^{16} + 11^{17} + 10 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 2, 1, 2) = 4 \cdot 11^{12} + 3 \cdot 11^{13} + 6 \cdot 11^{14} + 8 \cdot 11^{15} + 10 \cdot 11^{16} + 11^{17} + 9 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 2 \cdot 11^{12} + 8 \cdot 11^{13} + 5 \cdot 11^{14} + 8 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 7 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 4) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 7 \cdot 11^{14} + 6 \cdot 11^{15} + 2 \cdot 11^{16} + 6 \cdot 11^{17} + 3 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 3, 1) = 2 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 11^{17} + 8 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 2, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{13} + 10 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 2 \cdot 11^{17} + 8 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 11^{12} + 7 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 9 \cdot 11^{16} + 11^{17} + 6 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 1, 3) = 7 \cdot 11^{12} + 9 \cdot 11^{14} + 4 \cdot 11^{15} + 4 \cdot 11^{16} + 2 \cdot 11^{17} + 10 \cdot 11^{18} + 8 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 11^{12} + 6 \cdot 11^{13} + 7 \cdot 11^{14} + 10 \cdot 11^{16} + 5 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 6 \cdot 11^{12} + 6 \cdot 11^{13} + 3 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 5 \cdot 11^{17} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 3, 1, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 6) = 11^{12} + 10 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 5 \cdot 11^{16} + 2 \cdot 11^{17} + 2 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 5, 1) = 8 \cdot 11^{12} + 11^{13} + 11^{14} + 5 \cdot 11^{15} + 4 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 4, 2) = 8 \cdot 11^{12} + 5 \cdot 11^{13} + 3 \cdot 11^{14} + 9 \cdot 11^{15} + 3 \cdot 11^{16} + 3 \cdot 11^{17} + 9 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 4, 1, 1) = 6 \cdot 11^{12} + 7 \cdot 11^{13} + 11^{14} + 10 \cdot 11^{15} + 11^{16} + 7 \cdot 11^{17} + 3 \cdot 11^{18} + 2 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 3, 3) = 9 \cdot 11^{12} + 6 \cdot 11^{13} + 9 \cdot 11^{14} + 5 \cdot 11^{15} + 5 \cdot 11^{16} + 6 \cdot 11^{17} + 10 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 3, 2, 1) = 8 \cdot 11^{12} + 2 \cdot 11^{13} + 5 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 2, 3, 1, 2) = 6 \cdot 11^{13} + 11^{15} + 6 \cdot 11^{16} + 10 \cdot 11^{17} + 4 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 2, 3, 1, 1) = 4 \cdot 11^{12} + 7 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 5 \cdot 11^{19} + O(11^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1, 3) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 9 \cdot 11^{14} + 7 \cdot 11^{15} + 7 \cdot 11^{17} + 4 \cdot 11^{18} + 9 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 7 \cdot 11^{12} + 9 \cdot 11^{13} + 10 \cdot 11^{15} + 3 \cdot 11^{16} + 2 \cdot 11^{17} + 5 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 10 \cdot 11^{12} + 7 \cdot 11^{14} + 8 \cdot 11^{15} + 4 \cdot 11^{16} + 8 \cdot 11^{17} + 10 \cdot 11^{18} + 7 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 5) = 3 \cdot 11^{14} + 11^{15} + 2 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 4, 1) = 6 \cdot 11^{12} + 8 \cdot 11^{13} + 2 \cdot 11^{14} + 11^{16} + 3 \cdot 11^{17} + 8 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 3, 2) = 2 \cdot 11^{13} + 2 \cdot 11^{14} + 5 \cdot 11^{15} + 11^{16} + 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 8 \cdot 11^{12} + 3 \cdot 11^{13} + 8 \cdot 11^{14} + 7 \cdot 11^{15} + 9 \cdot 11^{16} + 6 \cdot 11^{17} + 5 \cdot 11^{18} + 4 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2, 3) = 10 \cdot 11^{12} + 6 \cdot 11^{13} + 8 \cdot 11^{14} + 8 \cdot 11^{15} + 8 \cdot 11^{16} + 6 \cdot 11^{17} + 8 \cdot 11^{18} + 3 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 11^{12} + 2 \cdot 11^{13} + 4 \cdot 11^{14} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 2 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 5 \cdot 11^{12} + 9 \cdot 11^{13} + 6 \cdot 11^{14} + 10 \cdot 11^{15} + 5 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 4) = 8 \cdot 11^{12} + 11^{13} + 2 \cdot 11^{14} + 8 \cdot 11^{15} + 9 \cdot 11^{16} + 4 \cdot 11^{17} + 4 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 10 \cdot 11^{12} + 9 \cdot 11^{13} + 9 \cdot 11^{14} + 11^{15} + 8 \cdot 11^{16} + 3 \cdot 11^{17} + 3 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 7 \cdot 11^{12} + 8 \cdot 11^{13} + 7 \cdot 11^{14} + 3 \cdot 11^{15} + 5 \cdot 11^{16} + 8 \cdot 11^{17} + 9 \cdot 11^{18} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 6 \cdot 11^{12} + 2 \cdot 11^{13} + 9 \cdot 11^{14} + 3 \cdot 11^{15} + 6 \cdot 11^{16} + 7 \cdot 11^{17} + 9 \cdot 11^{18} + 10 \cdot 11^{19} + O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(11^{20}) \\
\zeta_{11}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{11}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(11^{20})
\end{aligned}$$

6.  $p = 13$  CASE

## 6.1. weight 0 case.

$$\zeta_{13}([\emptyset]) = \zeta_{13}() = 1 + O(13^{20})$$

## 6.2. weight 1 case.

$$\zeta_{13}([1]) = \zeta_{13}(1) = O(13^{20})$$

## 6.3. weight 2 case.

$$\zeta_{13}([1, 0]) = \zeta_{13}(2) = O(13^{20})$$

$$\zeta_{13}([1, 1]) = \zeta_{13}(1, 1) = O(13^{20})$$

## 6.4. weight 3 case.

$$\zeta_{13}([1, 0, 0]) = \zeta_{13}(3) = 7 \cdot 13^3 + 6 \cdot 13^4 + 7 \cdot 13^5 + 4 \cdot 13^6 + 8 \cdot 13^7 + 7 \cdot 13^8 + 11 \cdot 13^9 + 6 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 1]) = \zeta_{13}(2, 1) = 12 \cdot 13^3 + 12 \cdot 13^4 + 10 \cdot 13^5 + 3 \cdot 13^6 + 9 \cdot 13^7 + 10 \cdot 13^8 + 2 \cdot 13^9 + 12 \cdot 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 1, 0]) = \zeta_{13}(1, 2) = 7 \cdot 13^3 + 6 \cdot 13^4 + 7 \cdot 13^5 + 4 \cdot 13^6 + 8 \cdot 13^7 + 7 \cdot 13^8 + 11 \cdot 13^9 + 6 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 1, 1]) = \zeta_{13}(1, 1, 1) = O(13^{20})$$

## 6.5. weight 4 case.

$$\zeta_{13}([1, 0, 0, 0]) = \zeta_{13}(4) = O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 1]) = \zeta_{13}(3, 1) = O(13^{20})$$

$$\zeta_{13}([1, 0, 1, 0]) = \zeta_{13}(2, 2) = O(13^{20})$$

$$\zeta_{13}([1, 0, 1, 1]) = \zeta_{13}(2, 1, 1) = O(13^{20})$$

$$\zeta_{13}([1, 1, 0, 0]) = \zeta_{13}(1, 3) = O(13^{20})$$

$$\zeta_{13}([1, 1, 0, 1]) = \zeta_{13}(1, 2, 1) = O(13^{20})$$

$$\zeta_{13}([1, 1, 1, 0]) = \zeta_{13}(1, 1, 2) = O(13^{20})$$

$$\zeta_{13}([1, 1, 1, 1]) = \zeta_{13}(1, 1, 1, 1) = O(13^{20})$$





$$\begin{aligned}
& \zeta_{13}([1, 0, 1, 1, 1, 1]) = \zeta_{13}(2, 1, 1, 1, 1) = O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 0, 0, 0]) = \zeta_{13}(1, 5) = 8 \cdot 13^6 + 13^7 + 13^8 + 9 \cdot 13^9 + 6 \cdot 13^{10} + 9 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 0, 0, 1]) = \zeta_{13}(1, 4, 1) = 2 \cdot 13^6 + 8 \cdot 13^7 + 9 \cdot 13^8 + 11 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 0, 1, 0]) = \zeta_{13}(1, 3, 2) = 11 \cdot 13^6 + 4 \cdot 13^7 + 3 \cdot 13^8 + 13^9 + 7 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 0, 1, 1]) = \zeta_{13}(1, 3, 1, 1) = 5 \cdot 13^6 + 11 \cdot 13^7 + 11 \cdot 13^8 + 3 \cdot 13^9 + 6 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 1, 0, 0]) = \zeta_{13}(1, 2, 3) = 4 \cdot 13^6 + 3 \cdot 13^7 + 6 \cdot 13^8 + 10 \cdot 13^9 + 11 \cdot 13^{10} + 7 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 1, 0, 1]) = \zeta_{13}(1, 2, 2, 1) = 12 \cdot 13^6 + 12 \cdot 13^7 + 8 \cdot 13^8 + 7 \cdot 13^9 + 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 1, 1, 0]) = \zeta_{13}(1, 2, 1, 2) = 5 \cdot 13^6 + 11 \cdot 13^7 + 11 \cdot 13^8 + 3 \cdot 13^9 + 6 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 0, 1, 1, 1]) = \zeta_{13}(1, 2, 1, 1, 1) = O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 0, 0, 0]) = \zeta_{13}(1, 1, 4) = 3 \cdot 13^6 + 3 \cdot 13^7 + 2 \cdot 13^8 + 5 \cdot 13^9 + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 0, 0, 1]) = \zeta_{13}(1, 1, 3, 1) = 10 \cdot 13^6 + 9 \cdot 13^7 + 10 \cdot 13^8 + 7 \cdot 13^9 + 12 \cdot 13^{10} + 6 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 0, 1, 0]) = \zeta_{13}(1, 1, 2, 2) = 10 \cdot 13^6 + 9 \cdot 13^7 + 10 \cdot 13^8 + 7 \cdot 13^9 + 12 \cdot 13^{10} + 6 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 0, 1, 1]) = \zeta_{13}(1, 1, 2, 1, 1) = O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 1, 0, 0]) = \zeta_{13}(1, 1, 1, 3) = 8 \cdot 13^6 + 13^7 + 13^8 + 9 \cdot 13^9 + 6 \cdot 13^{10} + 9 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 1, 0, 1]) = \zeta_{13}(1, 1, 1, 2, 1) = O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 1, 1, 0]) = \zeta_{13}(1, 1, 1, 1, 2) = O(13^{20}) \\
& \zeta_{13}([1, 1, 1, 1, 1, 1]) = \zeta_{13}(1, 1, 1, 1, 1, 1) = O(13^{20})
\end{aligned}$$

### 6.8. weight 7 case.

$$\begin{aligned}
& \zeta_{13}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{13}(7) = 8 \cdot 13^7 + 11 \cdot 13^8 + 3 \cdot 13^9 + 10 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{13}(6, 1) = 7 \cdot 13^7 + 5 \cdot 13^8 + 10 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{13}(5, 2) = 2 \cdot 13^7 + 12 \cdot 13^8 + 12 \cdot 13^9 + 11 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{13}(5, 1, 1) = 10 \cdot 13^7 + 2 \cdot 13^8 + 5 \cdot 13^9 + 5 \cdot 13^{10} + 12 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{13}(4, 3) = 12 \cdot 13^7 + 11 \cdot 13^8 + 7 \cdot 13^9 + 9 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{13}(4, 2, 1) = 12 \cdot 13^7 + 7 \cdot 13^8 + 3 \cdot 13^9 + 12 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{13}(4, 1, 2) = 9 \cdot 13^7 + 5 \cdot 13^8 + 7 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{13}(4, 1, 1, 1) = 4 \cdot 13^7 + 13^8 + 13^9 + 11 \cdot 13^{10} + 6 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{13}(3, 4) = 6 \cdot 13^7 + 2 \cdot 13^8 + 13^9 + 6 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{13}(3, 3, 1) = 13^7 + 12 \cdot 13^8 + 10 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{13}(3, 2, 2) = 4 \cdot 13^7 + 7 \cdot 13^8 + 5 \cdot 13^9 + 4 \cdot 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{13}(3, 2, 1, 1) = 13^7 + 2 \cdot 13^9 + 6 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{13}(3, 1, 3) = 11 \cdot 13^7 + 6 \cdot 13^8 + 5 \cdot 13^9 + 10 \cdot 13^{10} + 4 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{13}(3, 1, 2, 1) = 12 \cdot 13^7 + 8 \cdot 13^9 + 5 \cdot 13^{10} + 2 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
& \zeta_{13}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{13}(3, 1, 1, 2) = 9 \cdot 13^7 + 5 \cdot 13^8 + 7 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 1) = 4 \cdot 13^7 + 13^8 + 13^9 + 11 \cdot 13^{10} + 6 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 2) = 5 \cdot 13^7 + 2 \cdot 13^8 + 12 \cdot 13^9 + 12 \cdot 13^{10} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1) = 11 \cdot 13^7 + 8 \cdot 13^8 + 11 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 3) = 11 \cdot 13^8 + 12 \cdot 13^9 + 3 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1) = 2 \cdot 13^7 + 12 \cdot 13^8 + 12 \cdot 13^9 + 11 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2) = 6 \cdot 13^7 + 2 \cdot 13^8 + 13^9 + 6 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1) = 9 \cdot 13^7 + 13^8 + 2 \cdot 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 4) = 13^7 + 6 \cdot 13^8 + 6 \cdot 13^9 + 12 \cdot 13^{10} + 7 \cdot 13^{11} + 4 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1) = 7 \cdot 13^7 + 5 \cdot 13^8 + 10 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2) = 3 \cdot 13^7 + 2 \cdot 13^8 + 9 \cdot 13^9 + 3 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1) = 3 \cdot 13^7 + 5 \cdot 13^8 + 6 \cdot 13^9 + 11 \cdot 13^{10} + 10 \cdot 13^{11} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3) = 11 \cdot 13^7 + 8 \cdot 13^8 + 11 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1) = 4 \cdot 13^7 + 8 \cdot 13^8 + 2 \cdot 13^9 + 3 \cdot 13^{10} + 11 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2) = 8 \cdot 13^7 + 11 \cdot 13^8 + 3 \cdot 13^9 + 10 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1) = O(13^{20})
\end{aligned}$$

### 6.9. weight 8 case.

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(8) = O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(7, 1) = 13^8 + 2 \cdot 13^9 + 2 \cdot 13^{10} + 9 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(6, 2) = 9 \cdot 13^8 + 8 \cdot 13^9 + 12 \cdot 13^{10} + 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(6, 1, 1) = 9 \cdot 13^9 + 4 \cdot 13^{10} + 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(5, 3) = 6 \cdot 13^8 + 2 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(5, 2, 1) = 9 \cdot 13^8 + 13^9 + 5 \cdot 13^{10} + 6 \cdot 13^{11} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(5, 1, 2) = 7 \cdot 13^8 + 4 \cdot 13^9 + 2 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(5, 1, 1, 1) = 11 \cdot 13^8 + 5 \cdot 13^9 + 2 \cdot 13^{10} + 11 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 4) = O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 3, 1) = 4 \cdot 13^8 + 12 \cdot 13^9 + 11 \cdot 13^{10} + 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 2, 2) = 2 \cdot 13^8 + 8 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 2, 1, 1) = 12 \cdot 13^8 + 7 \cdot 13^9 + 11 \cdot 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 3) = 13^8 + 8 \cdot 13^9 + 7 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 2, 1) = 9 \cdot 13^8 + 5 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 2) = 7 \cdot 13^8 + 4 \cdot 13^9 + 10 \cdot 13^{10} + 5 \cdot 13^{12} + 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 1) = 10 \cdot 13^8 + 3 \cdot 13^9 + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 5) = 8 \cdot 13^8 + 12 \cdot 13^9 + 9 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 4, 1) = 4 \cdot 13^8 + 10 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 3, 2) = 11 \cdot 13^8 + 13^9 + 12 \cdot 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 3, 1, 1) = 10 \cdot 13^8 + 3 \cdot 13^{10} + 11 \cdot 13^{11} + 10 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 3) = 11 \cdot 13^8 + 3 \cdot 13^9 + 8 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 2, 1) = 4 \cdot 13^8 + 11 \cdot 13^9 + 2 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 2) = 9 \cdot 13^8 + 3 \cdot 13^9 + 11 \cdot 13^{10} + 2 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{15} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 1) = 7 \cdot 13^8 + 5 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 4) = 9 \cdot 13^8 + 13^9 + 4 \cdot 13^{10} + 4 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 3, 1) = 6 \cdot 13^8 + 5 \cdot 13^9 + 5 \cdot 13^{10} + 8 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 2) = 13^8 + 9 \cdot 13^9 + 11 \cdot 13^{10} + 8 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 1) = 10 \cdot 13^8 + 10 \cdot 13^9 + 2 \cdot 13^{10} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 3) = 6 \cdot 13^8 + 3 \cdot 13^9 + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 1) = 7 \cdot 13^8 + 9 \cdot 13^9 + 3 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 2) = 7 \cdot 13^8 + 4 \cdot 13^9 + 2 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1) = 11 \cdot 13^8 + 4 \cdot 13^9 + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 6) = 4 \cdot 13^8 + 4 \cdot 13^9 + 11 \cdot 13^{11} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 5, 1) = 3 \cdot 13^8 + 2 \cdot 13^9 + 11 \cdot 13^{10} + 2 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 4, 2) = 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 4, 1, 1) = 6 \cdot 13^8 + 4 \cdot 13^9 + 8 \cdot 13^{10} + 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 3) = 3 \cdot 13^8 + 5 \cdot 13^9 + 3 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 2, 1) = 11 \cdot 13^8 + 9 \cdot 13^9 + 10 \cdot 13^{10} + 9 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 2) = 13^8 + 9 \cdot 13^9 + 11 \cdot 13^{10} + 8 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 1) = 13^8 + 6 \cdot 13^9 + 8 \cdot 13^{10} + 4 \cdot 13^{11} + 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 4) = 11 \cdot 13^8 + 3 \cdot 13^9 + 10 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 3, 1) = 2 \cdot 13^8 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 2) = O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 1) = 9 \cdot 13^8 + 4 \cdot 13^9 + 4 \cdot 13^{10} + 2 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 3) = 13^8 + 13^9 + 8 \cdot 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 1) = 2 \cdot 13^8 + 3 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 2) = 2 \cdot 13^8 + 8 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1) = 8 \cdot 13^8 + 3 \cdot 13^9 + 4 \cdot 13^{10} + 8 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 5) = 7 \cdot 13^8 + 11 \cdot 13^9 + 2 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 4, 1) = 8 \cdot 13^8 + 9 \cdot 13^9 + 5 \cdot 13^{10} + 6 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 2) = 11 \cdot 13^9 + 4 \cdot 13^{10} + 11 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 1) = 13^8 + 12 \cdot 13^9 + 9 \cdot 13^{10} + 13^{11} + 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 3) = 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 1) = 11 \cdot 13^8 + 8 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 2) = 11 \cdot 13^8 + 13^9 + 12 \cdot 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1) = 13^8 + 2 \cdot 13^9 + 5 \cdot 13^{10} + 3 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 4) = 3 \cdot 13^8 + 7 \cdot 13^9 + 7 \cdot 13^{10} + 2 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 1) = 3 \cdot 13^8 + 10 \cdot 13^9 + 2 \cdot 13^{10} + 4 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 2) = 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1) = 8 \cdot 13^8 + 2 \cdot 13^9 + 12 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 3) = 8 \cdot 13^8 + 8 \cdot 13^9 + 10 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1) = 8 \cdot 13^8 + 3 \cdot 13^9 + 4 \cdot 13^{10} + 8 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2) = 9 \cdot 13^8 + 8 \cdot 13^9 + 12 \cdot 13^{10} + 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 7) = 12 \cdot 13^8 + 10 \cdot 13^9 + 10 \cdot 13^{10} + 3 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 6, 1) = 3 \cdot 13^8 + 10 \cdot 13^9 + 13^{10} + 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 5, 2) = 8 \cdot 13^8 + 8 \cdot 13^9 + 10 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 5, 1, 1) = 2 \cdot 13^8 + 4 \cdot 13^9 + 4 \cdot 13^{10} + 5 \cdot 13^{11} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 3) = 2 \cdot 13^8 + 3 \cdot 13^9 + 13^{10} + 12 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 2, 1) = 4 \cdot 13^8 + 8 \cdot 13^9 + 3 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 2) = 6 \cdot 13^8 + 3 \cdot 13^9 + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 1) = 2 \cdot 13^8 + 6 \cdot 13^9 + 9 \cdot 13^{10} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 4) = 5 \cdot 13^8 + 13^9 + 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 3, 1) = 7 \cdot 13^8 + 7 \cdot 13^9 + 5 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 2) = 13^8 + 13^9 + 8 \cdot 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 1) = 13^8 + 11 \cdot 13^9 + 11 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 3) = O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 1) = 11 \cdot 13^8 + 5 \cdot 13^9 + 8 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 2) = 13^8 + 8 \cdot 13^9 + 7 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1) = 13^8 + 12 \cdot 13^9 + 9 \cdot 13^{10} + 13^{11} + 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 5) = 4 \cdot 13^8 + 8 \cdot 13^9 + 13^{10} + 9 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 4, 1) = 12 \cdot 13^8 + 6 \cdot 13^9 + 2 \cdot 13^{10} + 5 \cdot 13^{11} + 2 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 2) = 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 1) = 6 \cdot 13^8 + 2 \cdot 13^9 + 13^{10} + 3 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 3) = 11 \cdot 13^8 + 10 \cdot 13^9 + 9 \cdot 13^{10} + 8 \cdot 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 1) = 4 \cdot 13^8 + 9 \cdot 13^9 + 10 \cdot 13^{10} + 12 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 2) = 11 \cdot 13^8 + 3 \cdot 13^9 + 8 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1) = 9 \cdot 13^8 + 3 \cdot 13^9 + 12 \cdot 13^{10} + 5 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 4) = 11 \cdot 13^8 + 10 \cdot 13^9 + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 1) = 2 \cdot 13^8 + 7 \cdot 13^9 + 2 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 2) = 3 \cdot 13^8 + 5 \cdot 13^9 + 3 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1) = 6 \cdot 13^8 + 12 \cdot 13^9 + 12 \cdot 13^{10} + 2 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 3) = 2 \cdot 13^8 + 3 \cdot 13^9 + 13^{10} + 12 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1) = 2 \cdot 13^8 + 3 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2) = 6 \cdot 13^8 + 2 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 6) = 10 \cdot 13^8 + 6 \cdot 13^9 + 6 \cdot 13^{10} + 11 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 5, 1) = 4 \cdot 13^8 + 11 \cdot 13^9 + 13^{10} + 7 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 2) = 3 \cdot 13^8 + 7 \cdot 13^9 + 7 \cdot 13^{10} + 2 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 1) = 11 \cdot 13^9 + 7 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 3) = 11 \cdot 13^8 + 10 \cdot 13^9 + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 1) = 8 \cdot 13^8 + 11 \cdot 13^9 + 8 \cdot 13^{10} + 10 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 2) = 9 \cdot 13^8 + 13^9 + 4 \cdot 13^{10} + 4 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 4) = 11 \cdot 13^8 + 3 \cdot 13^9 + 11 \cdot 13^{10} + 3 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 1) = 2 \cdot 13^8 + 12 \cdot 13^9 + 6 \cdot 13^{10} + 3 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 2) = 11 \cdot 13^8 + 3 \cdot 13^9 + 10 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1) = 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 3) = 5 \cdot 13^8 + 13^9 + 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1) = 7 \cdot 13^8 + 13^9 + 12 \cdot 13^{10} + 4 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 2) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 5) = 9 \cdot 13^8 + 4 \cdot 13^9 + 4 \cdot 13^{10} + 2 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 1) = 4 \cdot 13^8 + 11 \cdot 13^9 + 13^{10} + 7 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 2) = 7 \cdot 13^8 + 11 \cdot 13^9 + 2 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1) = 3 \cdot 13^9 + 5 \cdot 13^{10} + 7 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 3) = 4 \cdot 13^8 + 8 \cdot 13^9 + 13^{10} + 9 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1) = 3 \cdot 13^8 + 5 \cdot 13^9 + 4 \cdot 13^{10} + 12 \cdot 13^{11} + 10 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2) = 8 \cdot 13^8 + 12 \cdot 13^9 + 9 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 4) = 10 \cdot 13^8 + 6 \cdot 13^9 + 6 \cdot 13^{10} + 11 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1) = 2 \cdot 13^8 + 8 \cdot 13^9 + 12 \cdot 13^{10} + 4 \cdot 13^{11} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2) = 4 \cdot 13^8 + 4 \cdot 13^9 + 11 \cdot 13^{11} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3) = 12 \cdot 13^8 + 10 \cdot 13^9 + 10 \cdot 13^{10} + 3 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20})
\end{aligned}$$

### 6.10. weight 9 case.

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(9) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(8, 1) = 6 \cdot 13^9 + 12 \cdot 13^{10} + 12 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(7, 2) = 5 \cdot 13^9 + 8 \cdot 13^{10} + 6 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{14} + 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(7, 1, 1) = 8 \cdot 13^9 + 3 \cdot 13^{10} + 12 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(6, 3) = 12 \cdot 13^9 + 13^{10} + 6 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(6, 2, 1) = 10 \cdot 13^9 + 11 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(6, 1, 2) = 9 \cdot 13^9 + 2 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(6, 1, 1, 1) = 11 \cdot 13^9 + 3 \cdot 13^{10} + 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(5, 4) = 3 \cdot 13^9 + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(5, 3, 1) = 3 \cdot 13^9 + 13^{10} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(5, 2, 2) = 6 \cdot 13^9 + 10 \cdot 13^{10} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(5, 2, 1, 1) = 11 \cdot 13^9 + 2 \cdot 13^{10} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(5, 1, 3) = 7 \cdot 13^9 + 3 \cdot 13^{10} + 10 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(5, 1, 2, 1) = 2 \cdot 13^9 + 13^{10} + 7 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(5, 1, 1, 2) = 12 \cdot 13^9 + 4 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(5, 1, 1, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 8 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 5) = 6 \cdot 13^9 + 7 \cdot 13^{10} + 8 \cdot 13^{11} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 4, 1) = 7 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 3, 2) = 7 \cdot 13^9 + 3 \cdot 13^{10} + 12 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 3, 1, 1) = 10 \cdot 13^9 + 7 \cdot 13^{10} + 9 \cdot 13^{11} + 6 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 2, 3) = 4 \cdot 13^9 + 12 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 2, 2, 1) = 6 \cdot 13^9 + 5 \cdot 13^{10} + 6 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 2, 1, 2) = 8 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 2, 1, 1, 1) = 10 \cdot 13^9 + 2 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 4) = 9 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 3, 1) = 5 \cdot 13^9 + 6 \cdot 13^{10} + 7 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 2, 2) = 12 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 2, 1, 1) = 10 \cdot 13^9 + 7 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 3) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 2, 1) = 7 \cdot 13^9 + 12 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 2) = 12 \cdot 13^9 + 4 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 6 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 6) = 10 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 5, 1) = 3 \cdot 13^9 + 13^{10} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 4, 2) = 12 \cdot 13^9 + 8 \cdot 13^{10} + 3 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 4, 1, 1) = 5 \cdot 13^9 + 2 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 3, 3) = 8 \cdot 13^{10} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 3, 2, 1) = 4 \cdot 13^9 + 7 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 3, 1, 2) = 7 \cdot 13^9 + 11 \cdot 13^{10} + 8 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 3, 1, 1, 1) = 3 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 4) = 5 \cdot 13^9 + 12 \cdot 13^{10} + 6 \cdot 13^{11} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 3, 1) = 2 \cdot 13^9 + 7 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 2, 2) = 13^9 + 7 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 2, 1, 1) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 4 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 3) = 3 \cdot 13^9 + 11 \cdot 13^{10} + 4 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 2, 1) = 7 \cdot 13^9 + 6 \cdot 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 2) = 8 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 1) = 11 \cdot 13^9 + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 5) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 3 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 4, 1) = 6 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 3, 2) = 8 \cdot 13^9 + 11 \cdot 13^{10} + 5 \cdot 13^{11} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 3, 1, 1) = 3 \cdot 13^9 + 11 \cdot 13^{10} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 3) = 10 \cdot 13^9 + 11 \cdot 13^{10} + 9 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 2, 1) = 12 \cdot 13^9 + 2 \cdot 13^{10} + 11 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 2) = 7 \cdot 13^9 + 11 \cdot 13^{10} + 8 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 1) = 13^9 + 9 \cdot 13^{10} + 7 \cdot 13^{11} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 4) = 3 \cdot 13^9 + 8 \cdot 13^{10} + 7 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 3, 1) = 9 \cdot 13^9 + 10 \cdot 13^{10} + 12 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 2) = 4 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 1) = 3 \cdot 13^9 + 9 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 3) = 4 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{12} + 8 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 1) = 8 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 2) = 9 \cdot 13^9 + 2 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 1) = 13^9 + 8 \cdot 13^{10} + 11 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 7) = 4 \cdot 13^9 + 12 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 6, 1) = 2 \cdot 13^9 + 10 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 5, 2) = 6 \cdot 13^9 + 9 \cdot 13^{10} + 10 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 5, 1, 1) = 9 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 4, 3) = 10 \cdot 13^9 + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 4, 2, 1) = 11 \cdot 13^9 + 7 \cdot 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 4, 1, 2) = 4 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 4, 1, 1, 1) = 5 \cdot 13^9 + 6 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 4) = 9 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 3, 1) = 7 \cdot 13^9 + 3 \cdot 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 2, 2) = 12 \cdot 13^{10} + 5 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 2, 1, 1) = 8 \cdot 13^9 + 7 \cdot 13^{10} + 2 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 3) = 7 \cdot 13^9 + 4 \cdot 13^{11} + 5 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 2, 1) = 5 \cdot 13^9 + 4 \cdot 13^{10} + 12 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 13^{15} + 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 2) = 12 \cdot 13^9 + 10 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 1) = 13^9 + 5 \cdot 13^{10} + 2 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 5) = 5 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 4, 1) = 9 \cdot 13^9 + 8 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 3, 2) = 2 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 3, 1, 1) = 10 \cdot 13^9 + 10 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 3) = 6 \cdot 13^9 + 6 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 2, 1) = 8 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 2) = 13^9 + 7 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 1) = 13^9 + 7 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{14} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 4) = 9 \cdot 13^9 + 9 \cdot 13^{10} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 3, 1) = 6 \cdot 13^9 + 9 \cdot 13^{10} + 7 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 2) = 12 \cdot 13^{10} + 5 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{18} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 1) = 10 \cdot 13^9 + 6 \cdot 13^{10} + 2 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 3) = 9 \cdot 13^9 + 11 \cdot 13^{10} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 1) = 6 \cdot 13^9 + 4 \cdot 13^{10} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 2) = 6 \cdot 13^9 + 10 \cdot 13^{10} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 6) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 5, 1) = 6 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 4, 2) = 8 \cdot 13^9 + 3 \cdot 13^{10} + 12 \cdot 13^{11} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 4, 1, 1) = 7 \cdot 13^9 + 4 \cdot 13^{10} + 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 3) = 10 \cdot 13^9 + 6 \cdot 13^{10} + 7 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 2, 1) = 3 \cdot 13^9 + 9 \cdot 13^{10} + 11 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 2) = 8 \cdot 13^9 + 11 \cdot 13^{10} + 5 \cdot 13^{11} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 1) = 2 \cdot 13^9 + 13^{10} + 3 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 4) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 3, 1) = 13^9 + 12 \cdot 13^{11} + 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 2) = 2 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 1) = 8 \cdot 13^9 + 10 \cdot 13^{10} + 5 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 3) = 13^9 + 8 \cdot 13^{10} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 1) = 8 \cdot 13^9 + 11 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 2) = 7 \cdot 13^9 + 3 \cdot 13^{10} + 12 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1) = 10 \cdot 13^9 + 5 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 5) = 12 \cdot 13^9 + 12 \cdot 13^{10} + 5 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 4, 1) = 10 \cdot 13^9 + 2 \cdot 13^{10} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 2) = 8 \cdot 13^9 + 3 \cdot 13^{10} + 12 \cdot 13^{11} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 1) = 7 \cdot 13^9 + 11 \cdot 13^{10} + 4 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 3) = 13^9 + 4 \cdot 13^{10} + 12 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 1) = 10 \cdot 13^9 + 7 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 2) = 12 \cdot 13^9 + 8 \cdot 13^{10} + 3 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1) = 3 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 4) = 8 \cdot 13^9 + 7 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 1) = 3 \cdot 13^9 + 11 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 2) = 6 \cdot 13^9 + 9 \cdot 13^{10} + 10 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1) = 9 \cdot 13^9 + 2 \cdot 13^{10} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 3) = 3 \cdot 13^9 + 13^{10} + 4 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1) = 11 \cdot 13^9 + 10 \cdot 13^{10} + 12 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2) = 5 \cdot 13^9 + 8 \cdot 13^{10} + 6 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{14} + 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^9 + 9 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 8) = 3 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 7, 1) = 12 \cdot 13^9 + 10 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 6, 2) = 3 \cdot 13^9 + 13^{10} + 4 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 6, 1, 1) = 5 \cdot 13^9 + 9 \cdot 13^{10} + 3 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 13^{15} + 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 5, 3) = 13^9 + 6 \cdot 13^{10} + 2 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 5, 2, 1) = 9 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 5, 1, 2) = 4 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{12} + 8 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 5, 1, 1, 1) = 13^9 + 11 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 4) = 10 \cdot 13^9 + 10 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 3, 1) = 10 \cdot 13^9 + 13^{11} + 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 2, 2) = 9 \cdot 13^9 + 11 \cdot 13^{10} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 2, 1, 1) = 8 \cdot 13^9 + 7 \cdot 13^{10} + 3 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 3) = 7 \cdot 13^9 + 9 \cdot 13^{10} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 2, 1) = 6 \cdot 13^9 + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 2) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 1) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 5) = 3 \cdot 13^9 + 6 \cdot 13^{10} + 4 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 4, 1) = 13^9 + 2 \cdot 13^{10} + 5 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 3, 2) = 13^9 + 8 \cdot 13^{10} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 3, 1, 1) = 5 \cdot 13^9 + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 3) = 2 \cdot 13^9 + 9 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 2, 1) = 12 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 2) = 3 \cdot 13^9 + 11 \cdot 13^{10} + 4 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 1) = 9 \cdot 13^9 + 11 \cdot 13^{10} + 4 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 4) = 5 \cdot 13^9 + 11 \cdot 13^{10} + 12 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 3, 1) = 7 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 2) = 7 \cdot 13^9 + 4 \cdot 13^{11} + 5 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 1) = 2 \cdot 13^9 + 8 \cdot 13^{10} + 4 \cdot 13^{11} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 3) = 7 \cdot 13^9 + 9 \cdot 13^{10} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 1) = 7 \cdot 13^9 + 11 \cdot 13^{10} + 4 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 2) = 7 \cdot 13^9 + 3 \cdot 13^{10} + 10 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1) = 6 \cdot 13^9 + 5 \cdot 13^{10} + 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 6) = 6 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 5, 1) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 4, 2) = 13^9 + 4 \cdot 13^{10} + 12 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 4, 1, 1) = 9 \cdot 13^9 + 11 \cdot 13^{10} + 3 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 3) = 9 \cdot 13^9 + 7 \cdot 13^{10} + 12 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 2, 1) = 6 \cdot 13^9 + 12 \cdot 13^{10} + 13^{11} + 7 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 2) = 10 \cdot 13^9 + 11 \cdot 13^{10} + 9 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 1) = 2 \cdot 13^9 + 11 \cdot 13^{10} + 12 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 4) = 2 \cdot 13^9 + 8 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 3, 1) = 5 \cdot 13^9 + 12 \cdot 13^{11} + 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 2) = 6 \cdot 13^9 + 6 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 1) = 11 \cdot 13^{10} + 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 3) = 2 \cdot 13^9 + 9 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 1) = 12 \cdot 13^9 + 7 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 2) = 4 \cdot 13^9 + 12 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1) = 9 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 5) = 9 \cdot 13^9 + 8 \cdot 13^{10} + 4 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 4, 1) = 2 \cdot 13^9 + 6 \cdot 13^{10} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 2) = 10 \cdot 13^9 + 6 \cdot 13^{10} + 7 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 1) = 2 \cdot 13^9 + 8 \cdot 13^{10} + 4 \cdot 13^{11} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 3) = 9 \cdot 13^9 + 7 \cdot 13^{10} + 12 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 1) = 8 \cdot 13^9 + 11 \cdot 13^{10} + 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 2) = 8 \cdot 13^{10} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 4) = 7 \cdot 13^9 + 5 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 1) = 8 \cdot 13^9 + 7 \cdot 13^{10} + 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 2) = 10 \cdot 13^9 + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1) = 10 \cdot 13^9 + 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 3) = 13^9 + 6 \cdot 13^{10} + 2 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1) = 9 \cdot 13^9 + 2 \cdot 13^{10} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2) = 12 \cdot 13^9 + 13^{10} + 6 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 7) = 10 \cdot 13^9 + 3 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 6, 1) = 6 \cdot 13^9 + 5 \cdot 13^{10} + 4 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 5, 2) = 8 \cdot 13^9 + 7 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 5, 1, 1) = 9 \cdot 13^9 + 12 \cdot 13^{10} + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 3) = 7 \cdot 13^9 + 5 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 2, 1) = 2 \cdot 13^9 + 10 \cdot 13^{10} + 10 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 2) = 3 \cdot 13^9 + 8 \cdot 13^{10} + 7 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 1) = 5 \cdot 13^9 + 6 \cdot 13^{10} + 12 \cdot 13^{11} + 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 4) = 12 \cdot 13^9 + 4 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 3, 1) = 8 \cdot 13^9 + 2 \cdot 13^{10} + 3 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 2) = 9 \cdot 13^9 + 9 \cdot 13^{10} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 1) = 7 \cdot 13^9 + 9 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 3) = 5 \cdot 13^9 + 11 \cdot 13^{10} + 12 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 1) = 5 \cdot 13^9 + 4 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 2) = 9 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 5) = 6 \cdot 13^9 + 7 \cdot 13^{10} + 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 4, 1) = 2 \cdot 13^9 + 13^{10} + 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 2) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 1) = 13^9 + 10 \cdot 13^{10} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 3) = 2 \cdot 13^9 + 8 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 1) = 4 \cdot 13^9 + 10 \cdot 13^{10} + 5 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 2) = 5 \cdot 13^9 + 12 \cdot 13^{10} + 6 \cdot 13^{11} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1) = 3 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 4) = 12 \cdot 13^9 + 4 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 1) = 13^9 + 9 \cdot 13^{10} + 7 \cdot 13^{11} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 2) = 9 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 3) = 10 \cdot 13^9 + 10 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 1) = 3 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 2) = 3 \cdot 13^9 + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 13^9 + 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 6) = 2 \cdot 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 5, 1) = 12 \cdot 13^9 + 12 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 2) = 12 \cdot 13^9 + 12 \cdot 13^{10} + 5 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 1) = 4 \cdot 13^9 + 3 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 3) = 9 \cdot 13^9 + 8 \cdot 13^{10} + 4 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 1) = 6 \cdot 13^9 + 3 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 2) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 3 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 4) = 6 \cdot 13^9 + 7 \cdot 13^{10} + 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 1) = 11 \cdot 13^9 + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 2) = 5 \cdot 13^9 + 11 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1) = 9 \cdot 13^9 + 4 \cdot 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 3) = 3 \cdot 13^9 + 6 \cdot 13^{10} + 4 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1) = 10 \cdot 13^9 + 5 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2) = 6 \cdot 13^9 + 7 \cdot 13^{10} + 8 \cdot 13^{11} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1) = 7 \cdot 13^9 + 7 \cdot 13^{10} + 11 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 5) = 2 \cdot 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 6 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 2) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1) = 6 \cdot 13^9 + 5 \cdot 13^{10} + 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 3) = 6 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2) = 10 \cdot 13^9 + 5 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 13^9 + 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 4) = 10 \cdot 13^9 + 3 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1) = 13^9 + 8 \cdot 13^{10} + 11 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2) = 4 \cdot 13^9 + 12 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 13^9 + 5 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3) = 3 \cdot 13^9 + 8 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 1) = 7 \cdot 13^9 + 9 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 2) = 4 \cdot 13^9 + 5 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20})
 \end{aligned}$$

## 6.11. weight 10 case.

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{13}(10) = O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{13}(9, 1) = 6 \cdot 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{13}(8, 2) = 10 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{13}(8, 1, 1) = 12 \cdot 13^{10} + 4 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{13}(7, 3) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{13}(7, 2, 1) = 11 \cdot 13^{10} + 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{13}(7, 1, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{13}(7, 1, 1, 1) = 6 \cdot 13^{10} + 10 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{13}(6, 4) = 5 \cdot 13^{10} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{13}(6, 3, 1) = 9 \cdot 13^{10} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{13}(6, 2, 2) = 5 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{13}(6, 2, 1, 1) = 9 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{13}(6, 1, 3) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{13}(6, 1, 2, 1) = 6 \cdot 13^{10} + 11 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{17} + 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{13}(6, 1, 1, 2) = 7 \cdot 13^{10} + 3 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{13}(6, 1, 1, 1, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{13}(5, 5) = 2 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{13}(5, 4, 1) = 6 \cdot 13^{10} + 6 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{13}(5, 3, 2) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{13}(5, 3, 1, 1) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{13}(5, 2, 3) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{13}(5, 2, 2, 1) = 13^{10} + 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{13}(5, 2, 1, 2) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{13}(5, 2, 1, 1, 1) = 3 \cdot 13^{10} + 5 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{13}(5, 1, 4) = 10 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{13}(5, 1, 3, 1) = 8 \cdot 13^{10} + 11 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{13}(5, 1, 2, 2) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{13}(5, 1, 2, 1, 1) = 3 \cdot 13^{10} + 8 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{13}(5, 1, 1, 3) = 3 \cdot 13^{10} + 12 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{13}(5, 1, 1, 2, 1) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{13}(5, 1, 1, 1, 2) = 10 \cdot 13^{10} + 7 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})$$

$$\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{13}(5, 1, 1, 1, 1, 1) = 13^{10} + 8 \cdot 13^{11} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})$$



$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 6) = 8 \cdot 13^{10} + 12 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 5, 1) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 4, 2) = 13^{10} + 8 \cdot 13^{11} + 6 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 4, 1, 1) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 3, 3) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 3, 2, 1) = 2 \cdot 13^{10} + 12 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 3, 1, 2) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 3, 1, 1, 1) = 11 \cdot 13^{10} + 4 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 2, 4) = 6 \cdot 13^{10} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 2, 3, 1) = 11 \cdot 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 2, 2, 2) = 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 2, 2, 1, 1) = 12 \cdot 13^{10} + 10 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 2, 1, 3) = 12 \cdot 13^{10} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 2, 1, 2, 1) = 5 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 2, 1, 1, 2) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 2, 1, 1, 1, 1) = 4 \cdot 13^{10} + 9 \cdot 13^{11} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 5) = 5 \cdot 13^{10} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 13^{15} + 10 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 4, 1) = 3 \cdot 13^{10} + 11 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 3, 2) = 7 \cdot 13^{10} + 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 3, 1, 1) = 4 \cdot 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 2, 3) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 2, 2, 1) = 12 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 2, 1, 2) = 4 \cdot 13^{10} + 3 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 2, 1, 1, 1) = 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 4) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 3, 1) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 2, 2) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 2, 1, 1) = 10 \cdot 13^{10} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 3) = 8 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 2, 1) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 2) = 7 \cdot 13^{10} + 3 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 1) = 8 \cdot 13^{10} + 6 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 7) = 13^{10} + 10 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 6, 1) = 9 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 5, 2) = 8 \cdot 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 5, 1, 1) = 7 \cdot 13^{10} + 12 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 4, 3) = 8 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{14} + 13^{15} + 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 4, 2, 1) = 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 4, 1, 2) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 4, 1, 1, 1) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 3, 4) = 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 3, 3, 1) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 3, 2, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 3, 2, 1, 1) = 9 \cdot 13^{10} + 6 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 3, 1, 3) = 8 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 3, 1, 2, 1) = 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 3, 1, 1, 2) = 4 \cdot 13^{10} + 3 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 3, 1, 1, 1, 1) = 10 \cdot 13^{10} + 6 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 5) = 3 \cdot 13^{10} + 10 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 4, 1) = 8 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 3, 2) = 11 \cdot 13^{10} + 8 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 3, 1, 1) = 6 \cdot 13^{10} + 5 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 2, 3) = 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 2, 2, 1) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 2, 1, 2) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 2, 1, 1, 1) = 6 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 4) = 5 \cdot 13^{10} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{15} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 3, 1) = 10 \cdot 13^{10} + 11 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 2, 2) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 2, 1, 1) = 7 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 3) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 2, 1) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 2) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 1) = 11 \cdot 13^{10} + 13^{11} + 8 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 6) = 13^{10} + 9 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 5, 1) = 7 \cdot 13^{10} + 4 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 4, 2) = 6 \cdot 13^{10} + 3 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 4, 1, 1) = 12 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 3, 3) = 3 \cdot 13^{10} + 10 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 3, 2, 1) = 13^{10} + 3 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 3, 1, 2) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 3, 1, 1, 1) = 12 \cdot 13^{10} + 8 \cdot 13^{12} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 4) = 11 \cdot 13^{10} + 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 3, 1) = 7 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 2, 2) = 7 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 2, 1, 1) = 13^{10} + 8 \cdot 13^{11} + 10 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 3) = 12 \cdot 13^{10} + 11 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 2, 1) = 10 \cdot 13^{10} + 4 \cdot 13^{11} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 2) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 1) = 2 \cdot 13^{10} + 5 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 5) = 3 \cdot 13^{10} + 10 \cdot 13^{11} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 4, 1) = 8 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 3, 2) = 5 \cdot 13^{10} + 6 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 3, 1, 1) = 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 3) = 8 \cdot 13^{10} + 2 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 2, 1) = 12 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 2) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 1) = 8 \cdot 13^{10} + 7 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 4) = 12 \cdot 13^{10} + 7 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 3, 1) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 2) = 13^{10} + 8 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 1) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 3) = 7 \cdot 13^{10} + 7 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 2, 1) = 7 \cdot 13^{10} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 8) = 3 \cdot 13^{10} + 3 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 7, 1) = 6 \cdot 13^{10} + 4 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 6, 2) = 13^{10} + 6 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 6, 1, 1) = 2 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 5, 3) = 13^{10} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 5, 2, 1) = 12 \cdot 13^{10} + 3 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 5, 1, 2) = 13^{10} + 8 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 5, 1, 1, 1) = 12 \cdot 13^{10} + 7 \cdot 13^{11} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 4, 4) = 6 \cdot 13^{10} + 4 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 4, 3, 1) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 4, 2, 2) = 11 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 4, 2, 1, 1) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 4, 1, 3) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 4, 1, 2, 1) = 10 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 4, 1, 1, 2) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 4, 1, 1, 1, 1) = 7 \cdot 13^{10} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 5) = 12 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 4, 1) = 5 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{15} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 3, 2) = 10 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 3, 1, 1) = 5 \cdot 13^{10} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 2, 3) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 2, 2, 1) = 2 \cdot 13^{10} + 7 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 2, 1, 2) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 2, 1, 1, 1) = 6 \cdot 13^{10} + 2 \cdot 13^{11} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 4) = 5 \cdot 13^{10} + 8 \cdot 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 3, 1) = 3 \cdot 13^{10} + 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 2, 2) = 8 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 2, 1, 1) = 4 \cdot 13^{10} + 2 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 3) = 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 2, 1) = 10 \cdot 13^{10} + 6 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 2) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 1) = 2 \cdot 13^{10} + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 6) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 3 \cdot 13^{13} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 5, 1) = 2 \cdot 13^{10} + 10 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 4, 2) = 11 \cdot 13^{10} + 8 \cdot 13^{11} + 9 \cdot 13^{13} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 4, 1, 1) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 3, 3) = 6 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 3, 2, 1) = 2 \cdot 13^{10} + 4 \cdot 13^{11} + 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 3, 1, 2) = 7 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 3, 1, 1, 1) = 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 4) = 3 \cdot 13^{10} + 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 3, 1) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 2, 2) = O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 2, 1, 1) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 3) = 11 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 2, 1) = 12 \cdot 13^{10} + 8 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 2) = 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 1) = 5 \cdot 13^{10} + 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 5) = 8 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 4, 1) = 9 \cdot 13^{10} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 3, 2) = 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{15} + 7 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 3, 1, 1) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 3) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 2, 1) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 1) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 4) = 10 \cdot 13^{10} + 8 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 3, 1) = 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 2) = 11 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 1) = 10 \cdot 13^{10} + 3 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 3) = 5 \cdot 13^{10} + 3 \cdot 13^{11} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 1) = 3 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 2) = 5 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 13^{10} + 5 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 7) = 5 \cdot 13^{10} + 6 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 6, 1) = 13^{10} + 12 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 5, 2) = 5 \cdot 13^{10} + 4 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 5, 1, 1) = 7 \cdot 13^{10} + 2 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 4, 3) = 4 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 4, 2, 1) = 4 \cdot 13^{10} + 9 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 4, 1, 2) = 5 \cdot 13^{10} + 6 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 4, 1, 1, 1) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 4) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 3, 1) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{16} + 2 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 2, 2) = 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{15} + 7 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 2, 1, 1) = 5 \cdot 13^{10} + 5 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 3) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 2, 1) = 9 \cdot 13^{10} + 13^{11} + 6 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 2) = 7 \cdot 13^{10} + 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 1) = 8 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 5) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 4, 1) = 12 \cdot 13^{10} + 6 \cdot 13^{11} + 6 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
&\quad \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_{13}(2, 1, 2, 3, 2) = O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 3, 1, 1) = 4 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 3) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 2, 1) = 4 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 2) = 11 \cdot 13^{10} + 8 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 1) = 10 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 4) = 6 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 3, 1) = 7 \cdot 13^{10} + 7 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 2) = 10 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 1) = 6 \cdot 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 3) = 9 \cdot 13^{10} + 4 \cdot 13^{11} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 1) = 5 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 2) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 6) = 4 \cdot 13^{10} + 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 5, 1) = 6 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 4, 2) = 10 \cdot 13^{10} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 4, 1, 1) = 10 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 3) = 10 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 2, 1) = 13^{10} + 2 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 2) = 6 \cdot 13^{10} + 3 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 1) = 10 \cdot 13^{10} + 12 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 4) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 3, 1) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 2) = 11 \cdot 13^{10} + 8 \cdot 13^{11} + 9 \cdot 13^{13} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 1) = 5 \cdot 13^{10} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 3) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 1) = 13^{10} + 12 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 2) = 13^{10} + 8 \cdot 13^{11} + 6 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 5) = 8 \cdot 13^{10} + 10 \cdot 13^{11} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 4, 1) = 3 \cdot 13^{10} + 3 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 2) = 5 \cdot 13^{10} + 4 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 1) = 9 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 3) = 11 \cdot 13^{10} + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 1) = 3 \cdot 13^{10} + 11 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 2) = 8 \cdot 13^{10} + 11 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 13^{10} + 7 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 4) = 12 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 1) = 9 \cdot 13^{10} + 4 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 2) = 13^{10} + 6 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 1) = 13^{10} + 12 \cdot 13^{11} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 3) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 13^{10} + 5 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 2) = 10 \cdot 13^{10} + 9 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 9) = 7 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 8, 1) = 12 \cdot 13^{10} + 11 \cdot 13^{11} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 7, 2) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 7, 1, 1) = 7 \cdot 13^{10} + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 6, 3) = 2 \cdot 13^{10} + 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 6, 2, 1) = 3 \cdot 13^{10} + 6 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 6, 1, 2) = 7 \cdot 13^{10} + 7 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 6, 1, 1, 1) = 13^{10} + 8 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 5, 4) = 3 \cdot 13^{10} + 9 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 5, 3, 1) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 5, 2, 2) = 5 \cdot 13^{10} + 3 \cdot 13^{11} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 5, 2, 1, 1) = 8 \cdot 13^{10} + 4 \cdot 13^{11} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 5, 1, 3) = 10 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 5, 1, 2, 1) = 2 \cdot 13^{10} + 6 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 5, 1, 1, 2) = 8 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 5, 1, 1, 1, 1) = 4 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 5) = 9 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 4, 1) = 6 \cdot 13^{10} + 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 3, 2) = 9 \cdot 13^{10} + 4 \cdot 13^{11} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 3, 1, 1) = 7 \cdot 13^{10} + 13^{11} + 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 2, 3) = 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 2, 2, 1) = 9 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 2, 1, 2) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 2, 1, 1, 1) = 12 \cdot 13^{10} + 3 \cdot 13^{11} + 5 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 4) = 10 \cdot 13^{10} + 3 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 3, 1) = 6 \cdot 13^{10} + 10 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 2, 2) = 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 2, 1, 1) = 12 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 3) = 8 \cdot 13^{10} + 4 \cdot 13^{11} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 2, 1) = 3 \cdot 13^{10} + 5 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 2) = 3 \cdot 13^{10} + 12 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 1) = 2 \cdot 13^{10} + 3 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 6) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 5, 1) = 12 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{16} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 4, 2) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 4, 1, 1) = 2 \cdot 13^{10} + 5 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 3, 3) = 4 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 3, 2, 1) = 2 \cdot 13^{10} + 11 \cdot 13^{11} + 7 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 3, 1, 2) = 12 \cdot 13^{10} + 11 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 3, 1, 1, 1) = 10 \cdot 13^{10} + 4 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 4) = 5 \cdot 13^{10} + 9 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 3, 1) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 2, 2) = 11 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 2, 1, 1) = 10 \cdot 13^{10} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 3) = 12 \cdot 13^{10} + 7 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 2, 1) = 10 \cdot 13^{10} + 7 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 2) = 12 \cdot 13^{10} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 1) = 7 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 5) = 4 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 4, 1) = 12 \cdot 13^{10} + 8 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 3, 2) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 3, 1, 1) = 6 \cdot 13^{10} + 5 \cdot 13^{11} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 3) = 4 \cdot 13^{10} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 2, 1) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 2) = 8 \cdot 13^{10} + 3 \cdot 13^{11} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 1) = 8 \cdot 13^{10} + 4 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 4) = 6 \cdot 13^{10} + 8 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 3, 1) = 10 \cdot 13^{10} + 2 \cdot 13^{11} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 2) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 1) = 9 \cdot 13^{10} + 6 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 3) = 10 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 1) = 2 \cdot 13^{10} + 7 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 2) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^{10} + 6 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 7) = 11 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 6, 1) = 5 \cdot 13^{10} + 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 5, 2) = 11 \cdot 13^{10} + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 5, 1, 1) = 5 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 4, 3) = 6 \cdot 13^{10} + 6 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 4, 2, 1) = 10 \cdot 13^{10} + 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 4, 1, 2) = 8 \cdot 13^{10} + 2 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 4, 1, 1, 1) = 6 \cdot 13^{10} + 7 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 4) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 3, 1) = 10 \cdot 13^{10} + 11 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{14} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 2, 2) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 2, 1, 1) = 9 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 3) = 4 \cdot 13^{10} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 2, 1) = 5 \cdot 13^{10} + 7 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 2) = 11 \cdot 13^{10} + 3 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 1) = 4 \cdot 13^{10} + 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 5) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 4, 1) = 5 \cdot 13^{10} + 12 \cdot 13^{11} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 3, 2) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 3, 1, 1) = 2 \cdot 13^{10} + 13^{11} + 2 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 3) = 4 \cdot 13^{10} + 9 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 2, 1) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 2) = 13^{10} + 7 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 1) = 2 \cdot 13^{10} + 10 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 4) = 9 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 3, 1) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 2) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 1) = 12 \cdot 13^{10} + 5 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 3) = 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 1) = 3 \cdot 13^{10} + 11 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 2) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 1) = 7 \cdot 13^{10} + 11 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 6) = 4 \cdot 13^{10} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 5, 1) = 11 \cdot 13^{10} + 2 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 4, 2) = 10 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 4, 1, 1) = 6 \cdot 13^{10} + 9 \cdot 13^{11} + 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 3) = 8 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 2, 1) = 2 \cdot 13^{10} + 5 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 2) = 3 \cdot 13^{10} + 10 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 1) = 3 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 4) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 3, 1) = 3 \cdot 13^{10} + 4 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 2) = 6 \cdot 13^{10} + 9 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 1) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 3) = 4 \cdot 13^{10} + 6 \cdot 13^{11} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 1) = 12 \cdot 13^{10} + 10 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 2) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 1) = 2 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 5) = 11 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 4, 1) = 4 \cdot 13^{10} + 11 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 2) = 4 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 1) = 10 \cdot 13^{10} + 6 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 3) = 6 \cdot 13^{10} + 6 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 1) = 13^{10} + 4 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 2) = 8 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{14} + 13^{15} + 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 4) = 6 \cdot 13^{10} + 6 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 1) = 6 \cdot 13^{10} + 5 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 2) = 13^{10} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 1) = 2 \cdot 13^{10} + 10 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 3) = 2 \cdot 13^{10} + 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 1) = 6 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 2) = 3 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 8) = 2 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 7, 1) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 6, 2) = 12 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 6, 1, 1) = 9 \cdot 13^{10} + 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 5, 3) = 6 \cdot 13^{10} + 6 \cdot 13^{11} + 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 5, 2, 1) = 8 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{15} + 13^{16} + 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 5, 1, 2) = 12 \cdot 13^{10} + 7 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 5, 1, 1, 1) = 8 \cdot 13^{10} + 6 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 4) = 9 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 3, 1) = 13^{10} + 7 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 2, 2) = 10 \cdot 13^{10} + 8 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 2, 1, 1) = 4 \cdot 13^{10} + 2 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 3) = 6 \cdot 13^{10} + 8 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 2, 1) = 10 \cdot 13^{10} + 4 \cdot 13^{11} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 2) = 9 \cdot 13^{10} + 10 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 1) = 6 \cdot 13^{10} + 8 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 5) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 4, 1) = 9 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 3, 2) = 6 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 3, 1, 1) = 8 \cdot 13^{10} + 12 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 3) = 9 \cdot 13^{10} + 12 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 2, 1) = 10 \cdot 13^{10} + 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 2) = 5 \cdot 13^{10} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{15} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 1) = 2 \cdot 13^{10} + 11 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 4) = 2 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 3, 1) = 9 \cdot 13^{10} + 6 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 2) = 5 \cdot 13^{10} + 8 \cdot 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 1) = 5 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 3) = 10 \cdot 13^{10} + 3 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 2) = 12 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{14} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 2) = 10 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1) = 13^{10} + 9 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 6) = 9 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 5, 1) = 7 \cdot 13^{10} + 6 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 4, 2) = 11 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 4, 1, 1) = 8 \cdot 13^{10} + 7 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 3) = 2 \cdot 13^{10} + 2 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 2, 1) = 4 \cdot 13^{10} + 7 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 2) = 11 \cdot 13^{10} + 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 1) = 5 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 4) = 10 \cdot 13^{10} + 4 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 3, 1) = 13^{10} + 9 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 2) = 3 \cdot 13^{10} + 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 1) = 9 \cdot 13^{10} + 3 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 3) = 5 \cdot 13^{10} + 9 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 1) = 7 \cdot 13^{10} + 3 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 2) = 6 \cdot 13^{10} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 5) = 9 \cdot 13^{10} + 6 \cdot 13^{13} + 13^{14} + 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 4, 1) = 12 \cdot 13^{10} + 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 2) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 1) = 3 \cdot 13^{10} + 3 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 3) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 1) = 10 \cdot 13^{10} + 10 \cdot 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 2) = 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 1) = 6 \cdot 13^{10} + 8 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 4) = 9 \cdot 13^{10} + 8 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 3, 1) = 11 \cdot 13^{10} + 12 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 2) = 6 \cdot 13^{10} + 4 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 1, 1) = 6 \cdot 13^{10} + 8 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 3) = 3 \cdot 13^{10} + 9 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 2, 1) = 6 \cdot 13^{10} + 4 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 2) = 5 \cdot 13^{10} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 7) = 4 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 6, 1) = 11 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 5, 2) = 8 \cdot 13^{10} + 10 \cdot 13^{11} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 5, 1, 1) = 2 \cdot 13^{10} + 12 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 3) = 11 \cdot 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 2, 1) = 9 \cdot 13^{10} + 7 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 2) = 3 \cdot 13^{10} + 10 \cdot 13^{11} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 1) = 2 \cdot 13^{10} + 11 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 4) = 9 \cdot 13^{10} + 6 \cdot 13^{13} + 13^{14} + 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 3, 1) = 5 \cdot 13^{10} + 4 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 2) = 8 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 1) = 10 \cdot 13^{10} + 2 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 3) = 4 \cdot 13^{10} + 7 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 1) = 3 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 2) = 5 \cdot 13^{10} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 13^{15} + 10 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 5) = 13^{10} + 10 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 4, 1) = 5 \cdot 13^{10} + 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 2) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 1) = 12 \cdot 13^{10} + 2 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 3) = 11 \cdot 13^{10} + 6 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 1) = 4 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 2) = 3 \cdot 13^{10} + 10 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 13^{10} + 12 \cdot 13^{11} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 4) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 1) = 4 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 2) = 12 \cdot 13^{10} + 11 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 13^{10} + 12 \cdot 13^{11} + 4 \cdot 13^{13} + 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 3) = 9 \cdot 13^{10} + 2 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 1) = 4 \cdot 13^{10} + 8 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 13^{10} + 8 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
&\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 6) = 5 \cdot 13^{10} + 3 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 5, 1) = 11 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 2) = 4 \cdot 13^{10} + 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 1) = 10 \cdot 13^{10} + 7 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 3) = 4 \cdot 13^{10} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 1) = 6 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 2) = 13^{10} + 9 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 13^{10} + 3 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{14} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 4) = 9 \cdot 13^{10} + 2 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 1) = 4 \cdot 13^{10} + 2 \cdot 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 2) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 3 \cdot 13^{13} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 1) = 8 \cdot 13^{10} + 5 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 3) = 7 \cdot 13^{10} + 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 1) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 2) = 8 \cdot 13^{10} + 12 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
&\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 5) = 4 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 1) = 9 \cdot 13^{10} + 5 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 2) = 5 \cdot 13^{10} + 6 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 1) = 10 \cdot 13^{10} + 5 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 3) = 11 \cdot 13^{10} + 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 1) = 3 \cdot 13^{10} + 9 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 2) = 13^{10} + 10 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
&\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 4) = 2 \cdot 13^{10} + 9 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 1) = 6 \cdot 13^{10} + 4 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 2) = 3 \cdot 13^{10} + 3 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
&\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 1) = O(13^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3) = 7 \cdot 13^{10} + 5 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 1) = O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 2) = O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20}) \end{aligned}$$

**6.12. weight 11 case.**

$$\begin{aligned} \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(11) = 12 \cdot 13^{11} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(10, 1) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(9, 2) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(9, 1, 1) = 4 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(8, 3) = 5 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(8, 2, 1) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(8, 1, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(8, 1, 1, 1) = 4 \cdot 13^{11} + 6 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(7, 4) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(7, 3, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(7, 2, 2) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(7, 2, 1, 1) = 10 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(7, 1, 3) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(7, 1, 2, 1) = 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(7, 1, 1, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(7, 1, 1, 1, 1) = 8 \cdot 13^{11} + 10 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(6, 5) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(6, 4, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(6, 3, 2) = 5 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(6, 3, 1, 1) = 3 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(6, 2, 3) = 10 \cdot 13^{11} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(6, 2, 2, 1) = 5 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(6, 2, 1, 2) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(6, 2, 1, 1, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(6, 1, 4) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(6, 1, 3, 1) = 3 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(6, 1, 2, 2) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(6, 1, 2, 1, 1) = 4 \cdot 13^{11} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(6, 1, 1, 3) = 9 \cdot 13^{11} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(6, 1, 1, 2, 1) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(6, 1, 1, 1, 2) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(6, 1, 1, 1, 1) = 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(5, 6) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(5, 5, 1) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(5, 4, 2) = 11 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(5, 4, 1, 1) = 3 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(5, 3, 3) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(5, 3, 2, 1) = 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(5, 3, 1, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(5, 3, 1, 1, 1) = 2 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(5, 2, 4) = 12 \cdot 13^{11} + 5 \cdot 13^{13} + 13^{15} + 8 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(5, 2, 3, 1) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(5, 2, 2, 2) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(5, 2, 2, 1, 1) = 2 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(5, 2, 1, 3) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(5, 2, 1, 2, 1) = 5 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(5, 2, 1, 1, 2) = 6 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(5, 2, 1, 1, 1, 1) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(5, 1, 5) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(5, 1, 4, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(5, 1, 3, 2) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(5, 1, 3, 1, 1) = 5 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(5, 1, 2, 3) = 11 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(5, 1, 2, 2, 1) = 5 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(5, 1, 2, 1, 2) = 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(5, 1, 2, 1, 1, 1) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(5, 1, 1, 4) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(5, 1, 1, 3, 1) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(5, 1, 1, 2, 2) = 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(5, 1, 1, 2, 1, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(5, 1, 1, 1, 3) = 12 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(5, 1, 1, 1, 2, 1) = 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(5, 1, 1, 1, 2) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(5, 1, 1, 1, 1, 1) = 3 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(4, 7) = 3 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(4, 6, 1) = 8 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 5, 2) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 5, 1, 1) = 9 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 4, 3) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 4, 2, 1) = 7 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 4, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 4, 1, 1, 1) = 5 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 3, 4) = 10 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 3, 3, 1) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 3, 2, 2) = 4 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 3, 2, 1, 1) = 6 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 3, 1, 3) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 3, 1, 2, 1) = 2 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 3, 1, 1, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 3, 1, 1, 1, 1) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 2, 5) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 2, 4, 1) = 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 2, 3, 2) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 2, 3, 1, 1) = 5 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 2, 2, 3) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 2, 2, 2, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 2, 2, 1, 2) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 2, 2, 1, 1, 1) = 5 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 2, 1, 4) = 10 \cdot 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 2, 1, 3, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 2, 1, 2, 2) = 6 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 2, 1, 2, 1, 1) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 2, 1, 1, 3) = 2 \cdot 13^{11} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 2, 1, 1, 2, 1) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 2, 1, 1, 1, 2) = 6 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 2, 1, 1, 1, 1, 1) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 6) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 5, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 4, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 4, 1, 1) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 3, 3) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 3, 2, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 3, 1, 2) = 9 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 3, 1, 1, 1) = 5 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 2, 4) = 5 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 2, 3, 1) = 13^{11} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 2, 2, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 2, 2, 1, 1) = 2 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 2, 1, 3) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 2, 1, 2, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 2, 1, 1, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 2, 1, 1, 1, 1) = 6 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 5) = 9 \cdot 13^{11} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 4, 1) = 6 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 3, 2) = 3 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 3, 1, 1) = 9 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 2, 3) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 2, 2, 1) = 11 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 2, 1, 2) = 10 \cdot 13^{11} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 2, 1, 1, 1) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 4) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 3, 1) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 2, 2) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 2, 1, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 3) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 2, 1) = 8 \cdot 13^{11} + 10 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 8) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 7, 1) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 6, 2) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 6, 1, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 5, 3) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 5, 2, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 5, 1, 2) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 5, 1, 1, 1) = 3 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 4, 4) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 4, 3, 1) = 5 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 4, 2, 2) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 4, 2, 1, 1) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 4, 1, 3) = 11 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 4, 1, 2, 1) = 2 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 4, 1, 1, 2) = 10 \cdot 13^{11} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 4, 1, 1, 1, 1) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 3, 5) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 3, 4, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 3, 3, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 3, 3, 1, 1) = 3 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 3, 2, 3) = 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 3, 2, 2, 1) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 3, 2, 1, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 3, 2, 1, 1, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 3, 1, 4) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 3, 1, 3, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 3, 1, 2, 2) = 3 \cdot 13^{11} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 3, 1, 2, 1, 1) = 4 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 3, 1, 1, 3) = 12 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 3, 1, 1, 2, 1) = 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 3, 1, 1, 1, 2) = 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 3, 1, 1, 1, 1, 1) = 11 \cdot 13^{11} + 10 \cdot 13^{13} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 6) = 7 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 5, 1) = 10 \cdot 13^{11} + 5 \cdot 13^{13} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 4, 2) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 4, 1, 1) = 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 3, 3) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 3, 2, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 3, 1, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 3, 1, 1, 1) = 11 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 2, 4) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 2, 3, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 2, 2, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 2, 2, 1, 1) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 2, 1, 3) = 6 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 2, 1, 2, 1) = 9 \cdot 13^{11} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 2, 1, 1, 2) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 2, 1, 1, 1, 1) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 5) = 5 \cdot 13^{11} + 2 \cdot 13^{13} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 4, 1) = 12 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 3, 2) = 9 \cdot 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 3, 1, 1) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 2, 3) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 2, 2, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 2, 1, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 2, 1, 1, 1) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 4) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 3, 1) = 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 2, 2) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 2, 1, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 3) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 2, 1) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 2) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 7) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 6, 1) = 8 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 5, 2) = 12 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 5, 1, 1) = 6 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 4, 3) = 11 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 4, 2, 1) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 4, 1, 2) = 11 \cdot 13^{11} + 6 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 4, 1, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 3, 4) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 3, 3, 1) = 4 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 3, 2, 2) = 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 3, 2, 1) = 11 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 3, 1, 3) = 4 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 3, 1, 2) = 4 \cdot 13^{11} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 3, 1, 1, 2) = 9 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 3, 1, 1, 1) = 11 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 5) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 4, 1) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 3, 2) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 3, 1) = 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 2, 3) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 13^{15} + 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 2, 2, 1) = 3 \cdot 13^{11} + 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 2, 1, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 2, 1, 1) = 8 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 4) = 12 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 3, 1) = 7 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 2, 2) = 3 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 2, 1) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 3) = 10 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 2, 1) = 12 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 1) = 6 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 6) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 5, 1) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 4, 2) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 4, 1, 1) = 5 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 3, 3) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 3, 2, 1) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 3, 1, 2) = 11 \cdot 13^{11} + 6 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 3, 1, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 4) = 9 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 3, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 2, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 2, 1, 1) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 3) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 2, 1) = 9 \cdot 13^{11} + 13^{12} + 13^{13} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 5) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 4, 1) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 3, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 3, 1, 1) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 3) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 2, 1) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 2) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 1, 1) = 5 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 4) = 10 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 3, 1) = 10 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 2, 2) = 9 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 2, 1, 1) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 3) = 4 \cdot 13^{11} + 10 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 9) = 2 \cdot 13^{11} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 8, 1) = 3 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 7, 2) = 8 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 7, 1, 1) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 6, 3) = 2 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 6, 2, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 6, 1, 2) = 9 \cdot 13^{11} + 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 6, 1, 1, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 5, 4) = 8 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 5, 3, 1) = 4 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 5, 2, 2) = 8 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 5, 2, 1, 1) = 12 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 5, 1, 3) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 5, 1, 2, 1) = 3 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 5, 1, 1, 2) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 5, 1, 1, 1, 1) = 11 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 4, 5) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 4, 4, 1) = 6 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{14} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 4, 3, 2) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 4, 3, 1, 1) = 3 \cdot 13^{11} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 4, 2, 3) = 3 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 4, 2, 2, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 4, 2, 1, 2) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 4, 2, 1, 1, 1) = 12 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 4, 1, 4) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 4, 1, 3, 1) = 3 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 4, 1, 2, 2) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 4, 1, 2, 1, 1) = 12 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 4, 1, 1, 3) = 7 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 4, 1, 1, 2, 1) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 4, 1, 1, 1, 2) = 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 4, 1, 1, 1, 1, 1) = 9 \cdot 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 6) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 5, 1) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 4, 2) = 6 \cdot 13^{11} + 10 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 4, 1, 1) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 3, 3) = 12 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 3, 2, 1) = 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 13^{15} + 4 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 3, 1, 2) = 3 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 3, 1, 1, 1) = 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 2, 4) = 4 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 2, 3, 1) = 5 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 2, 2, 2) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 2, 2, 1, 1) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 2, 1, 3) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 2, 1, 2, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 2, 1, 1, 2) = 6 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 2, 1, 1, 1, 1) = 7 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 5) = 2 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 4, 1) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 3, 2) = 5 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 3, 1, 1) = 3 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 2, 3) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 2, 2, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 2, 1, 2) = 3 \cdot 13^{11} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 2, 1, 1, 1) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 4) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 3, 1) = 2 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 2, 2) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 2, 1, 1) = 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 3) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 2, 1) = 10 \cdot 13^{11} + 5 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 2) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 1, 1) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 7) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 6, 1) = 12 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 5, 2) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 5, 1, 1) = 4 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 4, 3) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 4, 2, 1) = 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 4, 1, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 4, 1, 1, 1) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 3, 4) = 2 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 3, 3, 1) = 10 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 3, 2, 2) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 3, 2, 1, 1) = 8 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 3, 1, 3) = 10 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 3, 1, 2, 1) = 2 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 3, 1, 1, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 3, 1, 1, 1, 1) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 5) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 4, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 3, 2) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 3, 1, 1) = 10 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 2, 3) = 10 \cdot 13^{11} + 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 2, 2, 1) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 2, 1, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 2, 1, 1, 1) = 11 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 4) = 9 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 3, 1) = 13^{11} + 4 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 2, 2) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 2, 1, 1) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 3) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 2, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 2) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 6) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 5, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 4, 2) = 2 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 4, 1, 1) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 3, 3) = 9 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 3, 2, 1) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 3, 1, 2) = 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 3, 1, 1, 1) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 4) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 3, 1) = 11 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 2, 2) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 2, 1, 1) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 3) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 2, 1) = 4 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 2) = 4 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 1, 1) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 5) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 4, 1) = 10 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 3, 2) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 3, 1, 1) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 3) = 4 \cdot 13^{11} + 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 2, 1) = 6 \cdot 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 2) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 1, 1) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 4) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 3, 1) = 5 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 2) = 8 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 1, 1) = 5 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 3) = 5 \cdot 13^{11} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 2, 1) = 11 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 8) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 7, 1) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 6, 2) = 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 6, 1, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 5, 3) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 5, 2, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 5, 1, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 5, 1, 1, 1) = 6 \cdot 13^{12} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 4, 4) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 4, 3, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 4, 2, 2) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 4, 2, 1, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 4, 1, 3) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 4, 1, 2, 1) = 2 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 4, 1, 1, 2) = 3 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 4, 1, 1, 1, 1) = 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 5) = 4 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 4, 1) = 4 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 3, 2) = 3 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 3, 1, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 2, 3) = 5 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 2, 2, 1) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 2, 1, 2) = 9 \cdot 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 2, 1, 1, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 4) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 3, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 2, 2) = 5 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 2, 1, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 3) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 2, 1) = 8 \cdot 13^{11} + 2 \cdot 13^{13} + 13^{15} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 2) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 1, 1) = 10 \cdot 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 6) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 5, 1) = 9 \cdot 13^{11} + 12 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 4, 2) = 8 \cdot 13^{11} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 4, 1, 1) = 6 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 3, 3) = 2 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 3, 2, 1) = 9 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 3, 1, 2) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 3, 1, 1, 1) = 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 4) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 3, 1) = 11 \cdot 13^{11} + 4 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 2, 2) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 2, 1, 1) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 3) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 2, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 2) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 1, 1) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 5) = 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 4, 1) = 11 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 3, 2) = 3 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 3, 1, 1) = 11 \cdot 13^{11} + 6 \cdot 13^{12} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 3) = 8 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 2, 1) = 12 \cdot 13^{11} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 4) = 6 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 3, 1) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 2) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 1, 1) = 3 \cdot 13^{11} + 12 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 3) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 13^{15} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 2, 1) = 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 2) = 5 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 6 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 7) = 12 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 6, 1) = 9 \cdot 13^{11} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 5, 2) = 13^{11} + 5 \cdot 13^{13} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 5, 1, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 4, 3) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 4, 2, 1) = 4 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 4, 1, 2) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 4, 1, 1, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 4) = 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 3, 1) = 8 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 2, 2) = 2 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 2, 1, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 3) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 2, 1) = 4 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 1, 1) = 10 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 5) = 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 4, 1) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 3, 2) = 8 \cdot 13^{11} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 3, 1, 1) = 6 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 3) = 10 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 2, 1) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 2) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 1, 1) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 4) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 3, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 2) = 6 \cdot 13^{11} + 10 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 1, 1) = 6 \cdot 13^{11} + 4 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 3) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 2, 1) = 11 \cdot 13^{11} + 5 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 2) = 11 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 7 \cdot 13^{11} + 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 6) = 8 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 5, 1) = 4 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 4, 2) = 13^{11} + 5 \cdot 13^{13} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 4, 1, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{13} + 13^{14} + 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 3) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 2, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 2) = 12 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 13^{11} + 6 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 4) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 3, 1) = 10 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 2) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 3) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 2, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 2) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 5) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 4, 1) = 2 \cdot 13^{11} + 10 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 2) = 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 13^{11} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 3) = 9 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 2, 1) = 13^{11} + 3 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 4) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 1) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 2) = 8 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 3) = 10 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 2, 1) = 11 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 10) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 9, 1) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 8, 2) = 10 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 8, 1, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 7, 3) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 7, 2, 1) = 8 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 7, 1, 2) = 4 \cdot 13^{11} + 10 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 7, 1, 1, 1) = 4 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 6, 4) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 6, 3, 1) = 6 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 6, 2, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 6, 2, 1, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 6, 1, 3) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 6, 1, 2, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 6, 1, 1, 2) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 6, 1, 1, 1, 1) = 7 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 5, 5) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 5, 4, 1) = 5 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 5, 3, 2) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 13^{15} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 5, 3, 1, 1) = 5 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 5, 2, 3) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 5, 2, 2, 1) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 5, 2, 1, 2) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 5, 2, 1, 1, 1) = 10 \cdot 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 5, 1, 4) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 5, 1, 3, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 5, 1, 2, 2) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 5, 1, 2, 1, 1) = 11 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 5, 1, 1, 3) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 5, 1, 1, 2, 1) = 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 5, 1, 1, 1, 2) = 12 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 5, 1, 1, 1, 1) = 8 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 6) = 9 \cdot 13^{11} + 6 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 5, 1) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 4, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 4, 1, 1) = 11 \cdot 13^{11} + 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 3, 3) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 3, 2, 1) = 12 \cdot 13^{11} + 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 3, 1, 2) = 10 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 3, 1, 1) = 7 \cdot 13^{11} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 2, 4) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 2, 3, 1) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 2, 2, 2) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 2, 2, 1) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 2, 1, 3) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 2, 1, 2, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 2, 1, 1, 2) = 2 \cdot 13^{11} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 2, 1, 1, 1) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 5) = 9 \cdot 13^{11} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 4, 1) = 11 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 3, 2) = 7 \cdot 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 3, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 2, 3) = 9 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 2, 2, 1) = 6 \cdot 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 2, 1, 2) = 12 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 2, 1, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 4) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 3, 1) = 2 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 2, 2) = 7 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 2, 1) = 6 \cdot 13^{11} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 3) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 2, 1) = 12 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 2) = 9 \cdot 13^{11} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 1, 1) = 11 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 7) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 6, 1) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 5, 2) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 5, 1, 1) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 4, 3) = 2 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 4, 2, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 4, 1, 2) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 4, 1, 1, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 3, 4) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 3, 3, 1) = 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 3, 2, 2) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 3, 2, 1, 1) = 11 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 3, 1, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 3, 1, 2, 1) = 11 \cdot 13^{11} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 3, 1, 1, 2) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 3, 1, 1, 1, 1) = 3 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 5) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 4, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 3, 2) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 3, 1, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 2, 3) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 2, 2, 1) = 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 2, 1, 2) = 6 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 2, 1, 1, 1) = 4 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 4) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 3, 1) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 2, 2) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 2, 1, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 3) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 2, 1) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 2) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 1) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 6) = 9 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 5, 1) = 10 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 4, 2) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 4, 1, 1) = 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 3, 3) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{16} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 3, 2, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 3, 1, 2) = 4 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 3, 1, 1, 1) = 5 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 4) = 10 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 3, 1) = 6 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 2, 2) = 10 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 2, 1, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 2, 1) = 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{14} + 13^{15} + 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 2) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 1, 1) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 5) = 5 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 4, 1) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 3, 2) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 3, 1, 1) = 2 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 3) = 11 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 2, 1) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 2) = 11 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 1, 1) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 4) = 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 3, 1) = 12 \cdot 13^{13} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 1, 1) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 3) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 2, 1) = 4 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 2) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 8) = 4 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 7, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 6, 2) = 9 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 6, 1, 1) = 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 5, 3) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 5, 2, 1) = 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 5, 1, 2) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 5, 1, 1, 1) = 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 4, 4) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 4, 3, 1) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{14} + 11 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 4, 2, 2) = 4 \cdot 13^{11} + 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 4, 2, 1, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 4, 1, 3) = 11 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 4, 1, 2, 1) = 2 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 4, 1, 1, 2) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 4, 1, 1, 1, 1) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 5) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 4, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 3, 2) = 8 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 3, 1, 1) = 13^{11} + 5 \cdot 13^{12} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 2, 3) = 10 \cdot 13^{11} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 2, 2, 1) = 10 \cdot 13^{11} + 10 \cdot 13^{12} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 2, 1, 2) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 2, 1, 1, 1) = 5 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 4) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 3, 1) = 6 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 2, 2) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 2, 1, 1) = 5 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 3) = 9 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 2, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 2) = 11 \cdot 13^{11} + 9 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 1, 1) = 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 6) = 5 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 5, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 4, 2) = 10 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 4, 1, 1) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 3, 3) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 3, 2, 1) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 3, 1, 2) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 13^{15} + 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 3, 1, 1, 1) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 4) = 8 \cdot 13^{11} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 3, 1) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 2, 2) = 10 \cdot 13^{11} + 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 2, 1, 1) = 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 3) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 2, 1) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 2) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 1, 1) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 5) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 4, 1) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 3, 2) = 5 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 3, 1, 1) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 3) = 10 \cdot 13^{11} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 2, 1) = 5 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 2) = 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 1, 1) = 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 4) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 3, 1) = 11 \cdot 13^{11} + 13^{12} + 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 2) = 3 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 1, 1) = 9 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 3) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 2, 1) = 12 \cdot 13^{11} + 6 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 2) = 10 \cdot 13^{11} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 9 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 7) = 6 \cdot 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 6, 1) = 5 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 5, 2) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 5, 1, 1) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 4, 3) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 4, 2, 1) = 5 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 4, 1, 2) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 4, 1, 1, 1) = 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 4) = 11 \cdot 13^{11} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 3, 1) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 2, 2) = 9 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 2, 1, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 3) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{16} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 2, 1) = 5 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 2) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 1, 1) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 5) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 4, 1) = 5 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 3, 2) = 2 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 3, 1, 1) = 11 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 3) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 2, 1) = 12 \cdot 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 2) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 1, 1) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 4) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 13^{15} + 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 3, 1) = 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 2) = 12 \cdot 13^{11} + 9 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 1, 1) = 6 \cdot 13^{11} + 10 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 3) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 2, 1) = 11 \cdot 13^{11} + 7 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 2) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 6) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 5, 1) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 4, 2) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 4, 1, 1) = 8 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 3) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 2, 1) = 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 2) = 11 \cdot 13^{11} + 12 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 4) = 3 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 3, 1) = 4 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 2) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 1, 1) = 11 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 3) = 2 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 2, 1) = 13^{11} + 2 \cdot 13^{12} + 13^{13} + 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 2) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 12 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 5) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 4, 1) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 2) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 1, 1) = 9 \cdot 13^{11} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 3) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 2, 1) = 2 \cdot 13^{11} + 4 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 2) = 8 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 7 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 4) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 3, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 2) = 2 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 3) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 13^{11} + 2 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 9) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 8, 1) = 2 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 7, 2) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 11 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 7, 1, 1) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 6, 3) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 6, 2, 1) = 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 6, 1, 2) = 10 \cdot 13^{11} + 8 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 6, 1, 1, 1) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 5, 4) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 5, 3, 1) = 12 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 5, 2, 2) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 5, 2, 1, 1) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 5, 1, 3) = 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 5, 1, 2, 1) = 5 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 5, 1, 1, 2) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 5, 1, 1, 1, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 5) = 5 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 4, 1) = 9 \cdot 13^{11} + 5 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 3, 2) = 6 \cdot 13^{11} + 6 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 3, 1, 1) = 10 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 2, 3) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 2, 2, 1) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 2, 1, 2) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 2, 1, 1, 1) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 4) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 3, 1) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 2, 2) = 5 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 2, 1, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 3) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 2, 1) = 11 \cdot 13^{11} + 12 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 2) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 1, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 6) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 5, 1) = 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 4, 2) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 4, 1, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 3, 3) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 13^{15} + 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 3, 2, 1) = 2 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 3, 1, 2) = 12 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 3, 1, 1, 1) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 4) = 11 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 3, 1) = 11 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 2) = 9 \cdot 13^{11} + 3 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 2, 1, 1) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 3) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 2, 1) = 3 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 1, 2) = 10 \cdot 13^{11} + 5 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 1, 1, 1) = 13^{11} + 6 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 5) = 2 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 4, 1) = 2 \cdot 13^{11} + 9 \cdot 13^{13} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 3, 2) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 3, 1, 1) = 12 \cdot 13^{11} + 9 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 3) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 2, 1) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 1, 2) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 1, 1, 1) = 12 \cdot 13^{11} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 4) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 3, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 2, 2) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 2, 1, 1) = 2 \cdot 13^{11} + 5 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 3) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 2, 1) = 10 \cdot 13^{11} + 2 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1, 2) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 7) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 6, 1) = 4 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 5, 2) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 5, 1, 1) = 9 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 4, 3) = 3 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 4, 2, 1) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 4, 1, 2) = 9 \cdot 13^{11} + 12 \cdot 13^{12} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 4, 1, 1, 1) = 2 \cdot 13^{11} + 6 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 4) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 3, 1) = 6 \cdot 13^{12} + 3 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 2, 2) = 7 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 2, 1, 1) = 6 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 3) = 10 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 2, 1) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 1, 2) = 5 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 1, 1) = 12 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 5) = 12 \cdot 13^{11} + 13^{12} + 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 4, 1) = 2 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 3, 2) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 3, 1, 1) = 3 \cdot 13^{11} + 3 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 3) = 8 \cdot 13^{11} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 2, 1) = 13^{11} + 4 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 2) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 1, 1) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 4) = 11 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 3, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 2) = 4 \cdot 13^{11} + 9 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 1, 1) = 12 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 3) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 2, 1) = 13^{11} + 12 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1, 2) = 12 \cdot 13^{11} + 5 \cdot 13^{13} + 13^{15} + 8 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 6) = 6 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 5, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 4, 2) = 13^{11} + 2 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 4, 1, 1) = 12 \cdot 13^{11} + 2 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 3) = 11 \cdot 13^{11} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 2, 1) = 2 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 2) = 10 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 1, 1) = 13^{11} + 5 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 4) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 3, 1) = 13^{11} + 3 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 2) = 2 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 1, 1) = 3 \cdot 13^{11} + 7 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 3) = 4 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 2, 1) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 1, 2) = 10 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 3 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 5) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 4, 1) = 12 \cdot 13^{11} + 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 3, 2) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 3, 1, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 2, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 1, 2) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 5 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 4) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 3, 1) = 3 \cdot 13^{11} + 2 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 2, 2) = 8 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 7 \cdot 13^{11} + 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 3) = 3 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 11 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 8) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 7, 1) = 9 \cdot 13^{11} + 2 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 6, 2) = 3 \cdot 13^{11} + 8 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 6, 1, 1) = 8 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{15} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 5, 3) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 5, 2, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 13^{13} + 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 5, 1, 2) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 5, 1, 1, 1) = 4 \cdot 13^{11} + 4 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 4) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 3, 1) = 10 \cdot 13^{11} + 6 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 2, 2) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 2, 1, 1) = 5 \cdot 13^{11} + 6 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 3) = 5 \cdot 13^{11} + 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 2, 1) = 8 \cdot 13^{11} + 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 2) = 9 \cdot 13^{11} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 1, 1) = 13^{12} + 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 5) = 8 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 4, 1) = 12 \cdot 13^{11} + 6 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 3, 2) = 13^{11} + 2 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 3, 1, 1) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 3) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 2, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 2) = 5 \cdot 13^{11} + 2 \cdot 13^{13} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 1, 1) = 6 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 4) = 2 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 3, 1) = 9 \cdot 13^{11} + 12 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 2) = 2 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 1, 1) = 6 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 3) = 9 \cdot 13^{11} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 2, 1) = 5 \cdot 13^{11} + 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 2) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 11 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 6) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 5, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 4, 2) = 13^{11} + 10 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 4, 1, 1) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 3) = 2 \cdot 13^{11} + 3 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 2, 1) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 2) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 1, 1) = 7 \cdot 13^{11} + 11 \cdot 13^{12} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 4) = 12 \cdot 13^{11} + 13^{12} + 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 3, 1) = 13^{11} + 13^{12} + 2 \cdot 13^{14} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 2) = 9 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 1, 1) = 12 \cdot 13^{11} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 3) = 8 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 2, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 2) = 12 \cdot 13^{11} + 7 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 5) = 8 \cdot 13^{11} + 11 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 4, 1) = 7 \cdot 13^{11} + 5 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 2) = 4 \cdot 13^{11} + 3 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 1, 1) = 3 \cdot 13^{11} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 3) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 2, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 2) = 11 \cdot 13^{11} + 2 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 13^{11} + 5 \cdot 13^{12} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 4) = 5 \cdot 13^{11} + 9 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 3, 1) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 2) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 12 \cdot 13^{11} + 8 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 3) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 7) = 2 \cdot 13^{11} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 6, 1) = 6 \cdot 13^{11} + 7 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{15} + 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 5, 2) = 8 \cdot 13^{11} + 5 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 5, 1, 1) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 3) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 2, 1) = 12 \cdot 13^{11} + 9 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 2) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 1, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 4) = 6 \cdot 13^{11} + 4 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 3, 1) = 12 \cdot 13^{11} + 4 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 2) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 1, 1) = 2 \cdot 13^{11} + 11 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 3) = 9 \cdot 13^{11} + 4 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 2, 1) = 8 \cdot 13^{11} + 7 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 2) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 11 \cdot 13^{11} + 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 5) = 7 \cdot 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 4, 1) = 8 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 3) = 5 \cdot 13^{11} + 6 \cdot 13^{12} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 2, 1) = 11 \cdot 13^{11} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 2) = 7 \cdot 13^{11} + 12 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 4) = 9 \cdot 13^{11} + 11 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 3, 1) = 6 \cdot 13^{11} + 11 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 2) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 13^{11} + 12 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 3) = 9 \cdot 13^{11} + 6 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 7 \cdot 13^{11} + 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 10 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1, 1) = 5 \cdot 13^{11} + 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 6) = 2 \cdot 13^{11} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 5, 1) = 9 \cdot 13^{11} + 6 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 2) = 12 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 1, 1) = 4 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 3) = 6 \cdot 13^{11} + 10 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 2, 1) = 10 \cdot 13^{11} + 8 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 2) = 6 \cdot 13^{11} + 12 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 13^{11} + 10 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 4) = 7 \cdot 13^{11} + 8 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 3, 1) = 7 \cdot 13^{11} + 7 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 2) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 9 \cdot 13^{11} + 7 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 13^{11} + 7 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 6 \cdot 13^{11} + 6 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 3 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 11 \cdot 13^{11} + 11 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 5) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 4, 1) = 2 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 2) = 8 \cdot 13^{11} + 12 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 13^{11} + 9 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 3) = 4 \cdot 13^{11} + 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 5 \cdot 13^{11} + 3 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 2) = 9 \cdot 13^{11} + 10 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 13^{11} + 6 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 4) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 13^{11} + 10 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 13^{11} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 1, 1) = 7 \cdot 13^{11} + 2 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 3) = 8 \cdot 13^{11} + 4 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 13^{11} + 3 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 13^{11} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20}) \end{aligned}$$

**6.13. weight 12 case.**

$$\begin{aligned} \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(12) = O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(11, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(10, 2) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(10, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(9, 3) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(9, 2, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(9, 1, 2) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(9, 1, 1, 1) = 11 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(8, 4) = 9 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{16} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(8, 3, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(8, 2, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(8, 2, 1, 1) = 3 \cdot 13^{12} + 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(8, 1, 3) = 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(8, 1, 2, 1) = 12 \cdot 13^{12} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(8, 1, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(8, 1, 1, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(7, 5) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(7, 4, 1) = 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(7, 3, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(7, 3, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(7, 2, 3) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\ \zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(7, 2, 2, 1) = 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(7, 2, 1, 2) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(7, 2, 1, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(7, 1, 4) = 11 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(7, 1, 3, 1) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(7, 1, 2, 2) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(7, 1, 2, 1, 1) = 5 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(7, 1, 1, 3) = 4 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(7, 1, 1, 2, 1) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(7, 1, 1, 1, 2) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(7, 1, 1, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
&\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) = \zeta_{13}(6, 6) = O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(6, 5, 1) = 12 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(6, 4, 2) = 5 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(6, 4, 1, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(6, 3, 3) = 6 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(6, 3, 2, 1) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(6, 3, 1, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(6, 3, 1, 1, 1) = 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(6, 2, 4) = 5 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(6, 2, 3, 1) = 11 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(6, 2, 2, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(6, 2, 2, 1, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(6, 2, 1, 3) = 3 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(6, 2, 1, 2, 1) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{15} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(6, 2, 1, 1, 2) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(6, 2, 1, 1, 1, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(6, 1, 5) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(6, 1, 4, 1) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(6, 1, 3, 2) = 12 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(6, 1, 3, 1, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(6, 1, 2, 3) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(6, 1, 2, 2, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(6, 1, 2, 1, 2) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(6, 1, 2, 1, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(6, 1, 1, 4) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(6, 1, 1, 3, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(6, 1, 1, 2, 2) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(6, 1, 1, 2, 1, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(6, 1, 1, 1, 3) = 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(6, 1, 1, 1, 2, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(6, 1, 1, 1, 1, 2) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 13^{16} + 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(6, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(5, 7) = 7 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(5, 6, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(5, 5, 2) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(5, 5, 1, 1) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(5, 4, 3) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(5, 4, 2, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(5, 4, 1, 2) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(5, 4, 1, 1, 1) = 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(5, 3, 4) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(5, 3, 3, 1) = 8 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(5, 3, 2, 2) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(5, 3, 2, 1, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(5, 3, 1, 3) = 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(5, 3, 1, 2, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(5, 3, 1, 1, 2) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(5, 3, 1, 1, 1, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(5, 2, 5) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(5, 2, 4, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(5, 2, 3, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(5, 2, 3, 1, 1) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(5, 2, 2, 3) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(5, 2, 2, 2, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(5, 2, 2, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(5, 2, 2, 1, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(5, 2, 1, 4) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(5, 2, 1, 3, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(5, 2, 1, 2, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(5, 2, 1, 2, 1, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(5, 2, 1, 1, 3) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{16} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(5, 2, 1, 1, 2, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(5, 2, 1, 1, 1, 2) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(5, 2, 1, 1, 1, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(5, 1, 6) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(5, 1, 5, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(5, 1, 4, 2) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(5, 1, 4, 1, 1) = 8 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(5, 1, 3, 3) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(5, 1, 3, 2, 1) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(5, 1, 3, 1, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(5, 1, 3, 1, 1) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(5, 1, 2, 4) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(5, 1, 2, 3, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(5, 1, 2, 2, 2) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(5, 1, 2, 2, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(5, 1, 2, 1, 3) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(5, 1, 2, 1, 2, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(5, 1, 2, 1, 1, 2) = 10 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(5, 1, 2, 1, 1, 1) = 4 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(5, 1, 1, 5) = 3 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(5, 1, 1, 4, 1) = 12 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(5, 1, 1, 3, 2) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(5, 1, 1, 3, 1, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(5, 1, 1, 2, 3) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(5, 1, 1, 2, 2, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(5, 1, 1, 2, 1, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(5, 1, 1, 2, 1, 1, 1) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(5, 1, 1, 1, 4) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(5, 1, 1, 1, 3, 1) = 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(5, 1, 1, 1, 2, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(5, 1, 1, 1, 2, 1, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{17} + 13^{18} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(5, 1, 1, 1, 3) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(5, 1, 1, 1, 2, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(5, 1, 1, 1, 1, 2) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(5, 1, 1, 1, 1, 1, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(4, 8) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(4, 7, 1) = 11 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 6, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 6, 1, 1) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 5, 3) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 5, 2, 1) = 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 5, 1, 2) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 5, 1, 1, 1) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 4, 4) = O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 4, 3, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 4, 2, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 4, 2, 1, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 4, 1, 3) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 4, 1, 2, 1) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 4, 1, 1, 2) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 4, 1, 1, 1, 1) = 7 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 3, 5) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 3, 4, 1) = 5 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 3, 3, 2) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 3, 3, 1, 1) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 3, 2, 3) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 3, 2, 2, 1) = 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 3, 2, 1, 2) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 3, 2, 1, 1, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 3, 1, 4) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 3, 1, 3, 1) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 3, 1, 2, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 3, 1, 2, 1, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 3, 1, 1, 3) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 3, 1, 1, 2, 1) = 4 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 3, 1, 1, 1, 2) = 10 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 3, 1, 1, 1, 1) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 2, 6) = 9 \cdot 13^{12} + 13^{13} + 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 2, 5, 1) = 8 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 2, 4, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 2, 4, 1, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 2, 3, 3) = 7 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 2, 3, 2, 1) = 3 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 2, 3, 1, 2) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 2, 3, 1, 1, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 2, 2, 4) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 2, 2, 3, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 2, 2, 2, 2) = 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 2, 2, 2, 1, 1) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 2, 2, 1, 3) = 6 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 2, 2, 1, 2, 1) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 2, 2, 1, 1, 2) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 2, 2, 1, 1, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 2, 1, 5) = 10 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 2, 1, 4, 1) = 6 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 2, 1, 3, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 2, 1, 3, 1, 1) = 2 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 2, 1, 2, 3) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 2, 1, 2, 2, 1) = 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 2, 1, 2, 1, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 2, 1, 2, 1, 1, 1) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 2, 1, 1, 4) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 2, 1, 1, 3, 1) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 2, 1, 1, 2, 2) = 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 2, 1, 1, 2, 1, 1) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 2, 1, 1, 1, 3) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 2, 1, 1, 1, 2, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 2, 1, 1, 1, 1, 2) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 2, 1, 1, 1, 1, 1, 1) = 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 7) = 7 \cdot 13^{12} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 6, 1) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 5, 2) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 5, 1, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 4, 3) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 4, 2, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 4, 1, 2) = 12 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 4, 1, 1, 1) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 3, 4) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 3, 3, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 3, 2, 2) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 3, 2, 1, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 3, 1, 3) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 3, 1, 2, 1) = 10 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 3, 1, 1, 2) = 7 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 3, 1, 1, 1, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 2, 5) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 2, 4, 1) = 10 \cdot 13^{12} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 2, 3, 2) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 2, 3, 1, 1) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 2, 2, 3) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 2, 2, 2, 1) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 2, 2, 1, 2) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 2, 2, 1, 1, 1) = 4 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 2, 1, 4) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 2, 1, 3, 1) = 8 \cdot 13^{12} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 2, 1, 2, 2) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 2, 1, 2, 1, 1) = 11 \cdot 13^{12} + 7 \cdot 13^{14} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 2, 1, 1, 3) = 3 \cdot 13^{12} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 2, 1, 1, 2, 1) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 2, 1, 1, 1, 2) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 6) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 5, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 4, 2) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 4, 1, 1) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 3, 3) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 3, 2, 1) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 3, 1, 2) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 3, 1, 1, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 2, 4) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 2, 3, 1) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 2, 2, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 2, 2, 1, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 2, 1, 3) = 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 2, 1, 2, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 2, 1, 1, 2) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 5) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 4, 1) = 2 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 3, 2) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 3, 1, 1) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 2, 3) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 2, 2, 1) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 2, 1, 2) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 4) = 12 \cdot 13^{12} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 3, 1) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 2, 2) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 2, 1, 1) = 7 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 3) = 8 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 2, 1) = 12 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 9) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 8, 1) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 7, 2) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 7, 1, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 6, 3) = 11 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 6, 2, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 6, 1, 2) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 6, 1, 1, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 5, 4) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 5, 3, 1) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 5, 2, 2) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 5, 2, 1, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 5, 1, 3) = 8 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 5, 1, 2, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 5, 1, 1, 2) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 5, 1, 1, 1, 1) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 4, 5) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 4, 4, 1) = 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{15} + 12 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 4, 3, 2) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 4, 3, 1, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 4, 2, 3) = 7 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 4, 2, 2, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 4, 2, 1, 2) = 10 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 4, 2, 1, 1, 1) = 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 4, 1, 4) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 4, 1, 3, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 4, 1, 2, 2) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 4, 1, 2, 1, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 4, 1, 1, 3) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 4, 1, 1, 2, 1) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 4, 1, 1, 1, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 4, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 3, 6) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 3, 5, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 3, 4, 2) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 3, 4, 1, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 3, 3, 3) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 3, 3, 2, 1) = 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 3, 3, 1, 2) = 9 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 3, 3, 1, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 3, 2, 4) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 3, 2, 3, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 3, 2, 2, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 3, 2, 2, 1, 1) = 7 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 3, 2, 1, 3) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 10 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 3, 2, 1, 2, 1) = 7 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 3, 2, 1, 1, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 3, 2, 1, 1, 1, 1) = 2 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 3, 1, 5) = 10 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 3, 1, 4, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 3, 1, 3, 2) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 3, 1, 3, 1, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 3, 1, 2, 3) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 3, 1, 2, 2, 1) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 3, 1, 2, 1, 2) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 3, 1, 2, 1, 1, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 3, 1, 1, 4) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 3, 1, 1, 3, 1) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 3, 1, 1, 2, 2) = 6 \cdot 13^{12} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 3, 1, 1, 2, 1, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 3, 1, 1, 1, 3) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 3, 1, 1, 1, 2, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 3, 1, 1, 1, 1, 2) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 3, 1, 1, 1, 1, 1, 1) = 3 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 7) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 6, 1) = 7 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 5, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 5, 1, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 4, 3) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 4, 2, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 4, 1, 2) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 4, 1, 1, 1) = 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 3, 4) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 3, 3, 1) = 2 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 3, 2, 2) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 3, 2, 1, 1) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 3, 1, 3) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 3, 1, 2, 1) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 3, 1, 1, 2) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 3, 1, 1, 1, 1) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 2, 5) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 2, 4, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 2, 3, 2) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 2, 3, 1, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 2, 2, 3) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 2, 2, 2, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 2, 2, 1, 2) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 2, 2, 1, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 2, 1, 4) = 8 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 2, 1, 3, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 2, 1, 2, 2) = 3 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 2, 1, 2, 1, 1) = 8 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 2, 1, 1, 3) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 2, 1, 1, 2, 1) = 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 2, 1, 1, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 2, 1, 1, 1, 1, 1) = 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 6) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 5, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 4, 2) = 12 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 4, 1, 1) = 10 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 3, 3) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 3, 2, 1) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 3, 1, 2) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 3, 1, 1, 1) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 2, 4) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 2, 3, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 2, 2, 2) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 2, 2, 1, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 2, 1, 3) = 4 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 2, 1, 2, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{14} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 2, 1, 1, 2) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 2, 1, 1, 1, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 5) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 4, 1) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 3, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 3, 1, 1) = 8 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 2, 3) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 2, 2, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 2, 1, 2) = 10 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 2, 1, 1, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 4) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 3, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 2, 2) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 2, 1, 1) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 3) = 4 \cdot 13^{12} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 2, 1) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 1, 2) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 8) = 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 7, 1) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 6, 2) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 6, 1, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 5, 3) = 8 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 5, 2, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 5, 1, 2) = 10 \cdot 13^{12} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 5, 1, 1, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 4, 4) = 8 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 4, 3, 1) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 4, 2, 2) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 4, 2, 1, 1) = 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 4, 1, 3) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 4, 1, 2, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 4, 1, 1, 2) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 4, 1, 1, 1, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 3, 5) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 3, 4, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 3, 3, 2) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 3, 3, 1, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 3, 2, 3) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 3, 2, 2, 1) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 3, 2, 1, 2) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 3, 2, 1, 1, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 3, 1, 4) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 3, 1, 3, 1) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 3, 1, 2, 2) = 13^{12} + 4 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 3, 1, 2, 1, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 3, 1, 1, 3) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 3, 1, 1, 2, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 3, 1, 1, 1, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 3, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 6) = 13^{12} + 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 5, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 4, 2) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 4, 1, 1) = 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{15} + 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 3, 3) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 3, 2, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 2, 3, 1, 2) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 2, 3, 1, 1, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 2, 4) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 2, 3, 1) = 9 \cdot 13^{12} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 2, 2, 2) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 2, 2, 1, 1) = 10 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 2, 1, 3) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 2, 1, 2, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 2, 2, 1, 1, 2) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 2, 2, 1, 1, 1, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 5) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 4, 1) = 2 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 3, 2) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 3, 1, 1) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 2, 3) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 2, 2, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 2, 1, 2) = 9 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 2, 1, 1, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 4) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 3, 1) = 12 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 2, 2) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 2, 1, 1) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 3) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 2, 1) = 6 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 1, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 7) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 6, 1) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 5, 2) = 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 5, 1, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 4, 3) = 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 4, 2, 1) = 11 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 4, 1, 2) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 4, 1, 1, 1) = 13^{12} + 13^{13} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 3, 4) = 7 \cdot 13^{12} + 9 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 3, 3, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 3, 2, 2) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 3, 2, 1, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 3, 1, 3) = 11 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 3, 1, 2, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 3, 1, 1, 2) = 12 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 3, 1, 1, 1, 1) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 5) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 4, 1) = 7 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 3, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 3, 1, 1) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 2, 3) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 2, 2, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 2, 1, 2) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 2, 1, 1, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 4) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 3, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{16} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 2, 2) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 2, 1, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 3) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 2, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 1, 2) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 6) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 5, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 4, 2) = 8 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 4, 1, 1) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 3, 3) = 3 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 3, 2, 1) = 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 3, 1, 2) = 10 \cdot 13^{12} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 3, 1, 1, 1) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 4) = 5 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 3, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 2, 2) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 3) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 2, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 5 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 5) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 4, 1) = 5 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 3, 2) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 3, 1, 1) = 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 3) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 2, 1) = 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 2) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 2, 1, 1, 1) = 13^{12} + 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 4) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 3, 1) = 2 \cdot 13^{12} + 13^{13} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 2, 2) = 5 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 2, 1, 1) = 5 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 3) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 10) = 2 \cdot 13^{12} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 9, 1) = 7 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 8, 2) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 8, 1, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 7, 3) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 7, 2, 1) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 7, 1, 2) = 5 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 7, 1, 1, 1) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 6, 4) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 6, 3, 1) = 2 \cdot 13^{12} + 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 6, 2, 2) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 6, 2, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 6, 1, 3) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 6, 1, 2, 1) = 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 6, 1, 1, 2) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 6, 1, 1, 1, 1) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 5, 5) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 5, 4, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 5, 3, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 5, 3, 1, 1) = 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 5, 2, 3) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 5, 2, 2, 1) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 5, 2, 1, 2) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 5, 2, 1, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 5, 1, 4) = 11 \cdot 13^{12} + 11 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 5, 1, 3, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 5, 1, 2, 2) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 5, 1, 2, 1, 1) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 5, 1, 1, 3) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 5, 1, 1, 2, 1) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 5, 1, 1, 1, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 5, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 4, 6) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 4, 5, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 4, 4, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 4, 4, 1, 1) = 7 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 4, 3, 3) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 4, 3, 2, 1) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 4, 3, 1, 2) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 4, 3, 1, 1, 1) = 10 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 4, 2, 4) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 4, 2, 3, 1) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 4, 2, 2, 2) = 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 4, 2, 2, 1, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 4, 2, 1, 3) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 4, 2, 1, 2, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 4, 2, 1, 1, 2) = 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 4, 2, 1, 1, 1, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 4, 1, 5) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 4, 1, 4, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 4, 1, 3, 2) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 4, 1, 3, 1, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 4, 1, 2, 3) = 11 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 4, 1, 2, 2, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 4, 1, 2, 1, 2) = 6 \cdot 13^{12} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 4, 1, 2, 1, 1, 1) = 5 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 4, 1, 1, 4) = 8 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 4, 1, 1, 3, 1) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 4, 1, 1, 2, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 4, 1, 1, 2, 1, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 4, 1, 1, 1, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 4, 1, 1, 1, 2, 1) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 4, 1, 1, 1, 1, 2) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 4, 1, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 7) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 6, 1) = 2 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 5, 2) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 5, 1, 1) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 4, 3) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 4, 2, 1) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 4, 1, 2) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 4, 1, 1, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 3, 4) = 2 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 3, 3, 1) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 3, 2, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 3, 2, 1, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 3, 1, 3) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 3, 1, 2, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 3, 1, 1, 2) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 3, 1, 1, 1, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 2, 5) = 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 2, 4, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 2, 3, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 2, 3, 1, 1) = 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 2, 2, 3) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 2, 2, 2, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 2, 2, 1, 2) = 3 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 2, 2, 1, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 2, 1, 4) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 2, 1, 3, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 2, 1, 2, 2) = 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 2, 1, 2, 1, 1) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 2, 1, 1, 3) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 2, 1, 1, 2, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 2, 1, 1, 1, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 2, 1, 1, 1, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 6) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 5, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 4, 2) = 11 \cdot 13^{12} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 4, 1, 1) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 3, 3) = 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 3, 2, 1) = 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 3, 1, 2) = 13^{12} + 4 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 3, 1, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 2, 4) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 2, 3, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 2, 2, 2) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 2, 2, 1, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 2, 1, 3) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 2, 1, 2, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 2, 1, 1, 2) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 2, 1, 1, 1) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 5) = 10 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 4, 1) = 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 3, 2) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 3, 1, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 2, 3) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 2, 2, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 2, 1, 2) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 2, 1, 1) = 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 4) = 7 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 3, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 2, 2) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 2, 1, 1) = 2 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 3) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 2, 1) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 1, 2) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 8) = 13^{12} + 12 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 7, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 6, 2) = 7 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 6, 1, 1) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 5, 3) = 7 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 5, 2, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 5, 1, 2) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 5, 1, 1, 1) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 4, 4) = 13^{12} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 4, 3, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 4, 2, 2) = 12 \cdot 13^{12} + 13^{13} + 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 4, 2, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 4, 1, 3) = 5 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 4, 1, 2, 1) = 5 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 4, 1, 1, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 4, 1, 1, 1, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 3, 5) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 3, 4, 1) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 3, 3, 2) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 3, 3, 1, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 3, 2, 3) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 3, 2, 2, 1) = 5 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 3, 2, 1, 2) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 3, 2, 1, 1, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 3, 1, 4) = 11 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 3, 1, 3, 1) = 2 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 3, 1, 2, 2) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 3, 1, 2, 1, 1) = 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 3, 1, 1, 3) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 3, 1, 1, 2, 1) = 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 3, 1, 1, 1, 2) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 3, 1, 1, 1, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 6) = 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 5, 1) = 13^{12} + 2 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 4, 2) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 4, 1, 1) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 3, 3) = 7 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 3, 2, 1) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 3, 1, 2) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 3, 1, 1, 1) = 13^{12} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 2, 4) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 2, 3, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 2, 2, 2) = O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 2, 2, 1, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 2, 1, 3) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 2, 1, 2, 1) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 2, 1, 1, 2) = 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 2, 1, 1, 1, 1) = 7 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 5) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 4, 1) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 3, 2) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 3, 1, 1) = 6 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 2, 3) = 11 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 2, 2, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 2, 1, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 2, 1, 1, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 4) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 3, 1) = 13^{13} + 11 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 2, 2) = 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 2, 1, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 3) = 7 \cdot 13^{12} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 2, 1) = 6 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 2, 1, 1, 1, 1, 1) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 7) = 9 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 6, 1) = 8 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 5, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 5, 1, 1) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 4, 3) = 10 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 4, 2, 1) = 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 4, 1, 2) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 4, 1, 1, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 3, 4) = 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 3, 3, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 3, 2, 2) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 3, 2, 1, 1) = 12 \cdot 13^{12} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 3, 1, 3) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 3, 1, 2, 1) = 2 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 3, 1, 1, 2) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 3, 1, 1, 1, 1) = 4 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 5) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 4, 1) = 11 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 3, 2) = 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 3, 1, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 2, 3) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 2, 2, 1) = 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 2, 1, 2) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 2, 1, 1, 1) = 2 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 4) = 5 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 3, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 2, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 2, 1, 1) = 7 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 3) = 7 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 2, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 1, 2) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 2, 1, 1, 1, 1, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 6) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 5, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 4, 2) = 3 \cdot 13^{12} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 4, 1, 1) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 3, 3) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 3, 2, 1) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 3, 1, 2) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 3, 1, 1, 1) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 4) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 3, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 2, 2) = 12 \cdot 13^{12} + 13^{13} + 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 2, 1, 1) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 3) = 3 \cdot 13^{12} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 2, 1) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 1, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 5) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 4, 1) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 3, 2) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 3, 1, 1) = 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 3) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 2, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 1, 2) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 4) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 3, 1) = 13^{13} + 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 2, 2) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 3) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 9) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 8, 1) = 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 7, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 7, 1, 1) = 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 6, 3) = 12 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 6, 2, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 6, 1, 2) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 6, 1, 1, 1) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 5, 4) = 7 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 5, 3, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 5, 2, 2) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 5, 2, 1, 1) = 4 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 5, 1, 3) = 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 5, 1, 2, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 5, 1, 1, 2) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 5, 1, 1, 1, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 4, 5) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 4, 4, 1) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 4, 3, 2) = 6 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 4, 3, 1, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 4, 2, 3) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 4, 2, 2, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 4, 2, 1, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 4, 2, 1, 1, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 4, 1, 4) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 4, 1, 3, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 4, 1, 2, 2) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 4, 1, 2, 1, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 4, 1, 1, 3) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 4, 1, 1, 2, 1) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 4, 1, 1, 1, 2) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 4, 1, 1, 1, 1, 1) = 7 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 6) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 5, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 4, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 4, 1, 1) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 3, 3) = 10 \cdot 13^{13} + 12 \cdot 13^{15} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 3, 2, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 3, 1, 2) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 3, 1, 1, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 2, 4) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 2, 3, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 2, 2, 2) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 2, 2, 1, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 2, 1, 3) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 2, 1, 2, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 2, 1, 1, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 2, 1, 1, 1, 1) = 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 5) = 8 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 4, 1) = 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 3, 2) = 13^{12} + 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 3, 1, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 2, 3) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 2, 2, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 2, 1, 2) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 2, 1, 1, 1) = 12 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 4) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 3, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 2, 2) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 2, 1, 1) = 13^{12} + 11 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 3) = 10 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 2, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 1, 2) = 12 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 7) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 6, 1) = 3 \cdot 13^{12} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 5, 2) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 5, 1, 1) = 11 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 4, 3) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 4, 2, 1) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 4, 1, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 4, 1, 1, 1) = 5 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 3, 4) = 13^{12} + 3 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 3, 3, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 3, 2, 2) = 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 3, 2, 1, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 3, 1, 3) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 3, 1, 2, 1) = 7 \cdot 13^{12} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 3, 1, 1, 2) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 3, 1, 1, 1, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 5) = 10 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 4, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 3, 2) = 6 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 3, 1, 1) = 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 2, 3) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 2, 2, 1) = 3 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 2, 1, 2) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 2, 1, 1, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 4) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 3, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 2, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 2, 1, 1) = 11 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 3) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 2, 1) = 8 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 1, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 6) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 5, 1) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 4, 2) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 4, 1, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 3, 3) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 3, 2, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 3, 1, 2) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 3, 1, 1, 1) = 8 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 4) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 3, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 2, 2) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 2, 1, 1) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 3) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 2, 1) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 1, 2) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 2, 1, 1, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 5) = 4 \cdot 13^{12} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 4, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 3, 2) = 6 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 3, 1, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 3) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 2, 1) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 1, 2) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 2, 1, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 4) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 3, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 2, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 3) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 13^{12} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 8) = 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 7, 1) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 6, 2) = 12 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 6, 1, 1) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 5, 3) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 5, 2, 1) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 5, 1, 2) = 8 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 5, 1, 1) = 2 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 4, 4) = 9 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 4, 3, 1) = 7 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 4, 2, 2) = 3 \cdot 13^{12} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 4, 2, 1, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 4, 1, 3) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 4, 1, 2, 1) = 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 4, 1, 1, 2) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 4, 1, 1, 1, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 5) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 4, 1) = 4 \cdot 13^{12} + 13^{13} + 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 3, 2) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 3, 1, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 2, 3) = 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 2, 2, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 2, 1, 2) = 12 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 2, 1, 1, 1) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 4) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 3, 1) = 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 2, 2) = 11 \cdot 13^{12} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 2, 1, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 3) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 2, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 1, 2) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 6) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 5, 1) = 5 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 4, 2) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 4, 1, 1) = 9 \cdot 13^{12} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 3, 3) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 3, 2, 1) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 3, 1, 2) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 3, 1, 1, 1) = 7 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 4) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 3, 1) = 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 2, 2) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 3) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 2, 1) = 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 1, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 2, 1, 1, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 5) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 4, 1) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 3, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 3, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 3) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 2, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 1, 2) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 2, 1, 1, 1) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 4) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 3, 1) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 2, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 3) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 5 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 7) = 7 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 6, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 5, 2) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 5, 1, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 4, 3) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 4, 2, 1) = 2 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 4, 1, 2) = 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 4, 1, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 4) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 3, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 2, 2) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 2, 1, 1) = 3 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 3) = 12 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 2, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 1, 2) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 5) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 4, 1) = 9 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 3, 2) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 3, 1, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 3) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 2, 1) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 1, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 13^{12} + 11 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 4) = 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 3, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 2, 2) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 3) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 13^{13} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 6) = 10 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 5, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 4, 2) = 12 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 3) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 2, 1) = 9 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 1, 2) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 4) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 3, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 2, 2) = 7 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 3) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 5 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 5) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 4, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 3, 1, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 3) = 2 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 2, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 4) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 3, 1) = 11 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 2, 2) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 3) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 11) = 8 \cdot 13^{12} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 10, 1) = 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 9, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 9, 1, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 8, 3) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 8, 2, 1) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 8, 1, 2) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 8, 1, 1, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 7, 4) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 7, 3, 1) = 5 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 7, 2, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 7, 2, 1, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 7, 1, 3) = 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 7, 1, 2, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 7, 1, 1, 2) = 8 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 7, 1, 1, 1, 1) = 7 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 6, 5) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 6, 4, 1) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 6, 3, 2) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 6, 3, 1, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 6, 2, 3) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 6, 2, 2, 1) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 6, 2, 1, 2) = 4 \cdot 13^{12} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 6, 2, 1, 1, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 6, 1, 4) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 6, 1, 3, 1) = 3 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 6, 1, 2, 2) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 6, 1, 2, 1, 1) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 6, 1, 1, 3) = 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 6, 1, 1, 2, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 6, 1, 1, 1, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 6, 1, 1, 1, 1, 1) = 10 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 5, 6) = 4 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 5, 5, 1) = 5 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 5, 4, 2) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 5, 4, 1, 1) = 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 5, 3, 3) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 5, 3, 2, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 5, 3, 1, 2) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 5, 3, 1, 1, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 5, 2, 4) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 5, 2, 3, 1) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 5, 2, 2, 2) = 7 \cdot 13^{12} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 5, 2, 2, 1, 1) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 5, 2, 1, 3) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 5, 2, 1, 2, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 5, 2, 1, 1, 2) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 5, 2, 1, 1, 1, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 5, 1, 5) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 5, 1, 4, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 5, 1, 3, 2) = 10 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 5, 1, 3, 1, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 5, 1, 2, 3) = 6 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 5, 1, 2, 2, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 5, 1, 2, 1, 2) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 5, 1, 2, 1, 1, 1) = 4 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 5, 1, 1, 4) = 3 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 5, 1, 1, 3, 1) = 8 \cdot 13^{12} + 13^{13} + 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 5, 1, 1, 2, 2) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 5, 1, 1, 2, 1, 1) = 2 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 5, 1, 1, 1, 3) = 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 5, 1, 1, 1, 2, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 5, 1, 1, 1, 1, 2) = 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 5, 1, 1, 1, 1, 1, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 7) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 6, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{14} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 5, 2) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 5, 1, 1) = 12 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 4, 3) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 4, 2, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 4, 1, 2) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 4, 1, 1, 1) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 3, 4) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 3, 3, 1) = 4 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 3, 2, 2) = 7 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 3, 2, 1, 1) = 13^{13} + 4 \cdot 13^{14} + 13^{15} + 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 3, 1, 3) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 3, 1, 2, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 3, 1, 1, 2) = 3 \cdot 13^{12} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 3, 1, 1, 1, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 2, 5) = 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 2, 4, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 2, 3, 2) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 2, 3, 1, 1) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 2, 2, 3) = 5 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 2, 2, 2, 1) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 2, 2, 1, 2) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 2, 2, 1, 1, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 2, 1, 4) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 2, 1, 3, 1) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 2, 1, 2, 2) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 2, 1, 2, 1, 1) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 2, 1, 1, 3) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 2, 1, 1, 2, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 2, 1, 1, 1, 2) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{16} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 2, 1, 1, 1, 1, 1) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 6) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 5, 1) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 4, 2) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 4, 1, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 3, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 3, 2, 1) = 7 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 3, 1, 2) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 3, 1, 1, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 2, 4) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 2, 3, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 2, 2, 2) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 2, 2, 1, 1) = 3 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 2, 1, 3) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 2, 1, 2, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 2, 1, 1, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 2, 1, 1, 1, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 5) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 4, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 3, 2) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 3, 1, 1) = 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 2, 3) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 2, 2, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 2, 1, 2) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 2, 1, 1, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 4) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 3, 1) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 2, 2) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 2, 1, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 3) = 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 2, 1) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 1, 2) = 4 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 8) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 7, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 6, 2) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 6, 1, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 5, 3) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 5, 2, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 5, 1, 2) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 5, 1, 1, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 4, 4) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 4, 3, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 4, 2, 2) = 3 \cdot 13^{12} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 4, 2, 1, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 4, 1, 3) = 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 4, 1, 2, 1) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 4, 1, 1, 2) = 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 4, 1, 1, 1, 1) = 13^{12} + 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 3, 5) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 3, 4, 1) = 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 3, 3, 2) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 3, 3, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 3, 2, 3) = 3 \cdot 13^{12} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 3, 2, 2, 1) = 4 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 3, 2, 1, 2) = 4 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 3, 2, 1, 1, 1) = 12 \cdot 13^{12} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 3, 1, 4) = 12 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 3, 1, 3, 1) = 4 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 3, 1, 2, 2) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 3, 1, 2, 1, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 3, 1, 1, 3) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 3, 1, 1, 2, 1) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 3, 1, 1, 1, 2) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 3, 1, 1, 1, 1) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 6) = 9 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 5, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 4, 2) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 4, 1, 1) = 6 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 3, 3) = 6 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 3, 2, 1) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 3, 1, 2) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 3, 1, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 2, 4) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 2, 3, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 2, 2, 2) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 2, 2, 1, 1) = 10 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 2, 1, 3) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 2, 1, 2, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 2, 1, 1, 2) = 6 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 2, 1, 1, 1) = 2 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 5) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 4, 1) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 3, 2) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 3, 1, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 2, 3) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 2, 2, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 2, 1, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 10 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 2, 1, 1) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 4) = 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 3, 1) = 3 \cdot 13^{13} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 2, 2) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 2, 1) = 7 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 3) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 2, 1) = 11 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 1, 2) = 3 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 2, 1, 1, 1, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 7) = 3 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 6, 1) = 4 \cdot 13^{12} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 5, 2) = 12 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 5, 1, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 4, 3) = 2 \cdot 13^{12} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 4, 2, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 4, 1, 2) = 11 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 4, 1, 1, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 3, 4) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 3, 3, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 3, 2, 2) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 3, 2, 1, 1) = 4 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 3, 1, 3) = O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 3, 1, 2, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 3, 1, 1, 2) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 3, 1, 1, 1) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 5) = 11 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 4, 1) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 3, 2) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 3, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 2, 3) = 8 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 2, 2, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 2, 1, 2) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 2, 1, 1) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 4) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 3, 1) = 10 \cdot 13^{12} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 2, 2) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 2, 1, 1) = 5 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 3) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 2, 1) = 5 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 1, 2) = 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 2, 1, 1, 1, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 6) = 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 5, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 4, 2) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 4, 1, 1) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 3, 3) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 3, 2, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 3, 1, 2) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 3, 1, 1, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 4) = 2 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 3, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 2, 2) = 5 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 2, 1, 1) = 2 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 3) = 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 2, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 1, 2) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 2, 1, 1, 1, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 5) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 4, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 3, 2) = 13^{12} + 4 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 3, 1, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 3) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 2, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 1, 2) = 8 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 2, 1, 1, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 4) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 3, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 2, 2) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 2, 1, 1) = 13^{12} + 11 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 3) = 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 8 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 9) = 10 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 8, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 7, 2) = 2 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 7, 1, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 6, 3) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 6, 2, 1) = 2 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 6, 1, 2) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 6, 1, 1, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 5, 4) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 5, 3, 1) = 3 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 5, 2, 2) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 5, 2, 1, 1) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 5, 1, 3) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 5, 1, 2, 1) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 5, 1, 1, 2) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 5, 1, 1, 1, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 4, 5) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 4, 4, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 4, 3, 2) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 4, 3, 1, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 4, 2, 3) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 4, 2, 2, 1) = 5 \cdot 13^{13} + 13^{14} + 13^{15} + 13^{16} + 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 4, 2, 1, 2) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 4, 2, 1, 1, 1) = 10 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 4, 1, 4) = 8 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 4, 1, 3, 1) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 4, 1, 2, 2) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 4, 1, 2, 1, 1) = 3 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 4, 1, 1, 3) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 4, 1, 1, 2, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 4, 1, 1, 1, 2) = 4 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 4, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 6) = 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 5, 1) = 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 4, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 4, 1, 1) = 7 \cdot 13^{12} + 12 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 3, 3) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 3, 2, 1) = 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 3, 1, 2) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 3, 1, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 2, 4) = 2 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 2, 3, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 2, 2, 2) = 11 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 2, 2, 1, 1) = 2 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 2, 1, 3) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 2, 1, 2, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 2, 1, 1, 2) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 2, 1, 1, 1, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 5) = 12 \cdot 13^{12} + 10 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 4, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 3, 2) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 3, 1, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 2, 3) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 2, 2, 1) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 2, 1, 2) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 2, 1, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 4) = 8 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 3, 1) = 8 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 2, 2) = 11 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 2, 1, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 3) = 6 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 4 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 2, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{15} + 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 1, 2) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 7) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 6, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 5, 2) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 5, 1, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 4, 3) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 4, 2, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 4, 1, 2) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 4, 1, 1, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 3, 4) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 3, 3, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 3, 2, 2) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 3, 2, 1, 1) = 6 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 3, 1, 3) = 8 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 3, 1, 2, 1) = 12 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 3, 1, 1, 2) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 3, 1, 1, 1, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 5) = 2 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 4, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 3, 2) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 3, 1, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 2, 3) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 2, 2, 1) = 13^{12} + 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 2, 1, 2) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 2, 1, 1, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 4) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 3, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 2, 2) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 2, 1, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 3) = 5 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 2, 1) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 1, 2) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 6) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 5, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 4, 2) = 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 4, 1, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 3, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 3, 2, 1) = 6 \cdot 13^{12} + 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 3, 1, 2) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 3, 1, 1) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 4) = 2 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 3, 1) = 2 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 2, 2) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 2, 1, 1) = 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 3) = 3 \cdot 13^{12} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 2, 1) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 1, 2) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 5) = 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 4, 1) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 3, 2) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 3, 1, 1) = 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 3) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 2, 1) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 1, 2) = 7 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 4) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 3, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 2, 2) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 3) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 8) = 2 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 7, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 6, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 6, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 5, 3) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 5, 2, 1) = 12 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 5, 1, 2) = 3 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 5, 1, 1) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 4, 4) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 4, 3, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 4, 2, 2) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 4, 2, 1, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 4, 1, 3) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 4, 1, 2, 1) = 5 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 4, 1, 1, 2) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 4, 1, 1, 1, 1) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 5) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 4, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 3, 2) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 3, 1, 1) = 12 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 2, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 2, 2, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 2, 1, 2) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 2, 1, 1, 1) = 7 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 4) = 5 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 3, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 2, 2) = 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 2, 1, 1) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 3) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 2, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 1, 2) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 6) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 5, 1) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 4, 2) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 4, 1, 1) = 11 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 3, 3) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 3, 2, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 3, 1, 2) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 3, 1, 1, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 4) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 3, 1) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 2, 2) = 7 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 2, 1, 1) = 12 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 3) = 6 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 2, 1) = 10 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 1, 2) = 7 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 5) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 4, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 3, 2) = 10 \cdot 13^{13} + 12 \cdot 13^{15} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 3, 1, 1) = 6 \cdot 13^{12} + 11 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 3) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 2, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 1, 2) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 6 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 4) = 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 3, 1) = 7 \cdot 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 2, 2) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 13^{12} + 11 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 3) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 6 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 13^{12} + 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 7) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 6, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 5, 2) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 5, 1, 1) = 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 4, 3) = 12 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 4, 2, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 4, 1, 2) = 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 4, 1, 1, 1) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 4) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 3, 1) = 4 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 2, 2) = 10 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 2, 1, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 3) = 2 \cdot 13^{12} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 2, 1) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 1, 2) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 3, 1, 1, 1) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 5) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 4, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 3, 2) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 3, 1, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 3) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 2, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 1, 2) = 12 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 4) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 3, 1) = 6 \cdot 13^{12} + 7 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 2, 2) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 3) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 6) = 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 5, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 4, 2) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 4, 1, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 3) = 12 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 2, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 1, 2) = 8 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 4) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 3, 1) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 2, 2) = 7 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 3) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 5 \cdot 13^{12} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 5) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 4, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 3, 2) = 12 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 7 \cdot 13^{12} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 3) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 11 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 4) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 13^{12} + 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 10) = 13^{12} + 3 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 9, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 8, 2) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 8, 1, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 7, 3) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 7, 2, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 7, 1, 2) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 7, 1, 1, 1) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 6, 4) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 6, 3, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 6, 2, 2) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 6, 2, 1, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 6, 1, 3) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 6, 1, 2, 1) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 6, 1, 1, 2) = 12 \cdot 13^{12} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 11 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 6, 1, 1, 1, 1) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 5, 5) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{16} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 5, 4, 1) = 3 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 5, 3, 2) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 5, 3, 1, 1) = 3 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 5, 2, 3) = 9 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 5, 2, 2, 1) = 7 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 5, 2, 1, 2) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 5, 2, 1, 1, 1) = 9 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 5, 1, 4) = 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 5, 1, 3, 1) = 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 5, 1, 2, 2) = 7 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 5, 1, 2, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 5, 1, 1, 3) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 5, 1, 1, 2, 1) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 5, 1, 1, 1, 2) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 5, 1, 1, 1, 1, 1) = 2 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 6) = 11 \cdot 13^{12} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 5, 1) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 4, 2) = 9 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 4, 1, 1) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 3, 3) = 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 3, 2, 1) = 4 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 3, 1, 2) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 3, 1, 1, 1) = 9 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 2, 4) = 3 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 2, 3, 1) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 2, 2, 2) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 2, 2, 1, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 2, 1, 3) = 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 2, 1, 2, 1) = 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 2, 1, 1, 2) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 2, 1, 1, 1, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 5) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{16} + 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 4, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 3, 2) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 3, 1, 1) = 13^{12} + 6 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 2, 3) = 8 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 2, 2, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 2, 1, 2) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 2, 1, 1, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 4) = 13^{12} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 3, 1) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 2, 2) = 8 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 2, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 3) = 3 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 2, 1) = 13^{12} + 5 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 1, 2) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 7) = 6 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 6, 1) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 5, 2) = 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 5, 1, 1) = 10 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 4, 3) = 6 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 4, 2, 1) = 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 4, 1, 2) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 4, 1, 1, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 3, 4) = 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 3, 3, 1) = 5 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 3, 2, 2) = 5 \cdot 13^{13} + 7 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 3, 2, 1, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 3, 1, 3) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 3, 1, 2, 1) = 10 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 3, 1, 1, 2) = 2 \cdot 13^{12} + 8 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 3, 1, 1, 1, 1) = 11 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 5) = 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 4, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 3, 2) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{15} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 3, 1, 1) = 9 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 2, 3) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 2, 2, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 2, 1, 2) = 8 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 2, 1, 1, 1) = 4 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 13^{17} + 11 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 4) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 3, 1) = 7 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 2, 2) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 2, 1, 1) = 5 \cdot 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 1, 3) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 1, 2, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 2, 1, 1, 1, 2) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 6) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 5, 1) = 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 4, 2) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 4, 1, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 3, 3) = 5 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 3, 2, 1) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 3, 1, 2) = 2 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 3, 1, 1, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 4) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 3, 1) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 2 \cdot 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 2, 2) = 11 \cdot 13^{12} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 2, 1, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 1, 3) = 12 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 1, 2, 1) = 8 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 7 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 2, 1, 1, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 5) = 2 \cdot 13^{12} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 4, 1) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 3, 2) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 3, 1, 1) = 3 \cdot 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 2, 3) = 8 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 2, 2, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 2, 1, 2) = 10 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 4) = 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 3, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 2, 2) = 11 \cdot 13^{12} + 11 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{15} + 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1, 3) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 3 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 11 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 8) = 2 \cdot 13^{12} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 7, 1) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 6, 2) = 12 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 6, 1, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 5, 3) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 5, 2, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 5, 1, 2) = 5 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 3 \cdot 13^{15} + 4 \cdot 13^{16} + 3 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 5, 1, 1, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 4, 4) = 5 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 4, 3, 1) = 6 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 4, 2, 2) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 4, 2, 1, 1) = 2 \cdot 13^{13} + 4 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 4, 1, 3) = 2 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 4, 1, 2, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 4, 1, 1, 2) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 4, 1, 1, 1, 1) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 7 \cdot 13^{14} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 5) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 4, 1) = 11 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 5 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 3, 2) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 3, 1, 1) = 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 2, 3) = 2 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 2, 2, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 2, 1, 2) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 2, 1, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{14} + 6 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 4) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 3, 1) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 2, 2) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 3 \cdot 13^{15} + 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 2, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 1, 3) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 1, 2, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 3, 1, 1, 1, 2) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 3, 1, 1, 1, 1) = 11 \cdot 13^{13} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 6) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 5, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{15} + 2 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 4, 2) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 4, 1, 1) = 13^{12} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 3, 3) = 12 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 3, 2, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 3, 1, 2) = 2 \cdot 13^{12} + 2 \cdot 13^{13} + 12 \cdot 13^{14} + 10 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 3, 1, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 4) = 3 \cdot 13^{12} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 3, 1) = 7 \cdot 13^{12} + 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 2, 2) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 2, 1, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 3) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 2, 1) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 12 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 3 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 1, 2) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 2, 1, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 5) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 4, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 3, 2) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 3, 1, 1) = 13^{12} + 10 \cdot 13^{13} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 3) = 2 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 2, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 1, 2) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 2, 1, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 4) = 3 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
 \zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 3, 1) = 2 \cdot 13^{12} + 8 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 2, 2) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1, 3) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 6 \cdot 13^{12} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 5 \cdot 13^{14} + 11 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 6 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 7) = 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 6, 1) = 3 \cdot 13^{12} + 7 \cdot 13^{13} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 5, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 5, 1, 1) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 4, 3) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 4, 2, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 4, 1, 2) = 7 \cdot 13^{12} + 9 \cdot 13^{14} + 13^{15} + 6 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 4, 1, 1) = 9 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 4) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 3, 1) = 8 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{16} + 5 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 2, 2) = 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 2, 1) = 9 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 3) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 2, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 1, 2) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 3, 1, 1, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 5) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 4, 1) = 13^{12} + 9 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 3, 2) = 13^{12} + 3 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 3, 1, 1) = 9 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 3) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 2, 1) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 1, 2) = 5 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 2, 1, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 13^{16} + 3 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 4) = 13^{12} + 12 \cdot 13^{13} + 12 \cdot 13^{14} + 12 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 3, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 8 \cdot 13^{14} + 11 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 2, 2) = 2 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 6 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 2, 1, 2, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 9 \cdot 13^{12} + 13^{13} + 9 \cdot 13^{14} + 11 \cdot 13^{16} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 9) = 6 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 8, 1) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 7, 2) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 7, 1, 1) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 13^{15} + 13^{16} + 4 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 6, 3) = 4 \cdot 13^{12} + 10 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 6, 2, 1) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 6, 1, 2) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 11 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 6, 1, 1, 1) = 10 \cdot 13^{12} + 12 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 5, 4) = 10 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 5, 3, 1) = 13^{12} + 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 5, 2, 2) = 2 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 5, 2, 1, 1) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 5, 1, 3) = 8 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 5, 1, 2, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 5, 1, 1, 2) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 5, 1, 1, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{13} + 8 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 5) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 4, 1) = 7 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 3, 2) = 4 \cdot 13^{12} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 3, 1, 1) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 4 \cdot 13^{15} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 2, 3) = 10 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 2, 2, 1) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 13^{15} + 10 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 2, 1, 2) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 2, 1, 1, 1) = 13^{12} + 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 4) = 2 \cdot 13^{12} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 3, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 2, 2) = 10 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 2, 1, 1) = 10 \cdot 13^{12} + 8 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 3) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 11 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 10 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 2, 1) = 2 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 1, 2) = 3 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 4, 1, 1, 1, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 6) = 4 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 5, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 4, 2) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 8 \cdot 13^{16} + 5 \cdot 13^{17} + 12 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 4, 1, 1) = 6 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 3, 3) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 3, 2, 1) = 2 \cdot 13^{12} + 10 \cdot 13^{13} + 12 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 3, 1, 2) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 8 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 3, 1, 1, 1) = 12 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 4) = 4 \cdot 13^{12} + 9 \cdot 13^{13} + 2 \cdot 13^{14} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 3, 1) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 2, 2) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 9 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 2, 1, 1) = 7 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 3) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 2, 1) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 1, 2) = 10 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 8 \cdot 13^{14} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 5) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{16} + 5 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 4, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 3, 2) = 8 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 5 \cdot 13^{16} + 5 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 3, 1, 1) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 4 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 3) = 12 \cdot 13^{12} + 10 \cdot 13^{14} + 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 2, 1) = 2 \cdot 13^{12} + 13^{13} + 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 1, 2) = 10 \cdot 13^{14} + 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 5 \cdot 13^{16} + 3 \cdot 13^{17} + 5 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 4) = 10 \cdot 13^{12} + 10 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{16} + 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 3, 1) = 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 2, 2) = 11 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 10 \cdot 13^{17} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 3) = 8 \cdot 13^{12} + 3 \cdot 13^{13} + 9 \cdot 13^{14} + 9 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 13^{12} + 9 \cdot 13^{13} + 12 \cdot 13^{14} + 2 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 3 \cdot 13^{12} + 6 \cdot 13^{13} + 9 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 6 \cdot 13^{12} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 7) = 11 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 6, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 5, 2) = 12 \cdot 13^{12} + 2 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 5, 1, 1) = 11 \cdot 13^{12} + 7 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 4, 3) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 2 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 4, 2, 1) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 2 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 4, 1, 2) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 5 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 4, 1, 1, 1) = 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 4) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 4 \cdot 13^{14} + 8 \cdot 13^{15} + 2 \cdot 13^{16} + 4 \cdot 13^{17} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 3, 1) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 2, 2) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 2, 1, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 10 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 3) = 11 \cdot 13^{13} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 10 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 2, 1) = 4 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 11 \cdot 13^{17} + 12 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 1, 2) = 9 \cdot 13^{12} + 9 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 13^{16} + 5 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 9 \cdot 13^{14} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 5) = 13^{12} + 5 \cdot 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 12 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 4, 1) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 9 \cdot 13^{16} + 7 \cdot 13^{17} + 7 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 3, 2) = 10 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 3, 1, 1) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 9 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 3) = 2 \cdot 13^{13} + 9 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 8 \cdot 13^{17} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 2, 1) = 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 10 \cdot 13^{16} + 3 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 1, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{15} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 4) = 13^{12} + 5 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 3, 1) = 2 \cdot 13^{12} + 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 2, 2) = 13^{12} + 6 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{16} + 9 \cdot 13^{17} + 7 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 11 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 12 \cdot 13^{16} + 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 3) = 13^{12} + 4 \cdot 13^{13} + 3 \cdot 13^{14} + 7 \cdot 13^{15} + 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 9 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 13^{12} + 10 \cdot 13^{13} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 11 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 6) = 9 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 5, 1) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 4, 2) = 5 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 4, 1, 1) = 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 7 \cdot 13^{15} + 10 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 3) = 2 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 2, 1) = 7 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 1, 2) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 12 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 3, 1, 1) = 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 4) = 12 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 3, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 2, 2) = 8 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 2 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{15} + 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 3) = 7 \cdot 13^{12} + 5 \cdot 13^{13} + 11 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 5 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 6 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 3 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 12 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 5) = 3 \cdot 13^{12} + 4 \cdot 13^{13} + 2 \cdot 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 4, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 4 \cdot 13^{15} + 4 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 3, 2) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 12 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 3) = 11 \cdot 13^{12} + 7 \cdot 13^{13} + 3 \cdot 13^{14} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 9 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 13^{12} + 3 \cdot 13^{13} + 4 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 4) = 7 \cdot 13^{12} + 7 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{16} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 13^{14} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 6 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 9 \cdot 13^{17} + 11 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 2 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 11 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 5 \cdot 13^{15} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 12 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 8) = 5 \cdot 13^{12} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 7, 1) = 7 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 6, 2) = 10 \cdot 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 6, 1, 1) = 8 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 12 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 5, 3) = 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{17} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 5, 2, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{18} + 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 5, 1, 2) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 5, 1, 1, 1) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 2 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 4) = 12 \cdot 13^{12} + 7 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 4 \cdot 13^{16} + 10 \cdot 13^{17} + 8 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 3, 1) = 9 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 2, 2) = 3 \cdot 13^{12} + 3 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 2, 1, 1) = 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{15} + 7 \cdot 13^{16} + 8 \cdot 13^{17} + 5 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 3) = 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 2, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 1, 2) = 4 \cdot 13^{12} + 4 \cdot 13^{13} + 12 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{17} + 11 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 12 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 11 \cdot 13^{16} + 2 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 5) = 9 \cdot 13^{15} + 3 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 4, 1) = 6 \cdot 13^{12} + 10 \cdot 13^{13} + 11 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 5 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 3, 2) = 5 \cdot 13^{12} + 8 \cdot 13^{13} + 11 \cdot 13^{14} + 12 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 3, 1, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 13^{17} + 4 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 3) = 11 \cdot 13^{12} + 8 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 2, 1) = 11 \cdot 13^{12} + 5 \cdot 13^{13} + 2 \cdot 13^{14} + 10 \cdot 13^{15} + 9 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 1, 2) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 2 \cdot 13^{16} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 3 \cdot 13^{15} + 11 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 4) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{15} + 12 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 3, 1) = 2 \cdot 13^{12} + 5 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 13^{17} + 8 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 2, 2) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 5 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 6 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 4 \cdot 13^{17} + 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 3) = 4 \cdot 13^{12} + 2 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 5 \cdot 13^{16} + 11 \cdot 13^{17} + 7 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 7 \cdot 13^{14} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 10 \cdot 13^{14} + 6 \cdot 13^{15} + 5 \cdot 13^{16} + 13^{17} + 8 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 3, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 6) = 11 \cdot 13^{12} + 4 \cdot 13^{13} + 8 \cdot 13^{14} + 5 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 5, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 4, 2) = 4 \cdot 13^{12} + 6 \cdot 13^{13} + 5 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 4, 1, 1) = 2 \cdot 13^{12} + 6 \cdot 13^{13} + 7 \cdot 13^{14} + 10 \cdot 13^{15} + 5 \cdot 13^{16} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 3) = 3 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 13^{15} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 2, 1) = 11 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 8 \cdot 13^{15} + 8 \cdot 13^{16} + 8 \cdot 13^{17} + 10 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 1, 2) = 13^{12} + 13^{13} + 8 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 13^{17} + 10 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 9 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 4) = 5 \cdot 13^{12} + 10 \cdot 13^{13} + 2 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 4 \cdot 13^{17} + 3 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 3, 1) = 6 \cdot 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 12 \cdot 13^{16} + 2 \cdot 13^{17} + 4 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 2, 2) = 13^{13} + 5 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{16} + 5 \cdot 13^{17} + 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 2, 1, 1) = 9 \cdot 13^{12} + 2 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 3) = 9 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 2, 1) = 5 \cdot 13^{13} + 7 \cdot 13^{14} + 6 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 1, 2) = 9 \cdot 13^{12} + 13^{13} + 13^{14} + 12 \cdot 13^{15} + 2 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 5 \cdot 13^{12} + 9 \cdot 13^{13} + 6 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 11 \cdot 13^{17} + 9 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 5) = 4 \cdot 13^{12} + 13^{13} + 7 \cdot 13^{15} + 7 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 4, 1) = 10 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 9 \cdot 13^{16} + 2 \cdot 13^{17} + 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 3, 2) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 9 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 3, 1, 1) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 9 \cdot 13^{15} + 13^{16} + 13^{17} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 3) = 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 9 \cdot 13^{17} + 6 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 2, 1) = 11 \cdot 13^{13} + 4 \cdot 13^{14} + 13^{16} + 4 \cdot 13^{17} + 9 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 1, 2) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 2 \cdot 13^{15} + 6 \cdot 13^{16} + 6 \cdot 13^{17} + 5 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 4) = 11 \cdot 13^{12} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 3, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 13^{15} + 2 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 2, 2) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 10 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1, 3) = 4 \cdot 13^{12} + 13^{13} + 12 \cdot 13^{14} + 7 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 10 \cdot 13^{12} + 7 \cdot 13^{13} + 5 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 2 \cdot 13^{17} + 3 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 7) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 6 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 6, 1) = 13^{12} + 6 \cdot 13^{14} + 6 \cdot 13^{15} + 9 \cdot 13^{16} + 6 \cdot 13^{17} + 8 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 5, 2) = 7 \cdot 13^{13} + 4 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 5, 1, 1) = 3 \cdot 13^{12} + 2 \cdot 13^{13} + 9 \cdot 13^{14} + 5 \cdot 13^{15} + 4 \cdot 13^{16} + 12 \cdot 13^{17} + 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 3) = 4 \cdot 13^{12} + 8 \cdot 13^{13} + 9 \cdot 13^{14} + 8 \cdot 13^{15} + 10 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 2, 1) = 7 \cdot 13^{12} + 8 \cdot 13^{13} + 13^{14} + 7 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 1, 2) = 3 \cdot 13^{12} + 12 \cdot 13^{13} + 9 \cdot 13^{14} + 3 \cdot 13^{15} + 12 \cdot 13^{16} + 3 \cdot 13^{17} + 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 5 \cdot 13^{14} + 8 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 4) = 13^{12} + 6 \cdot 13^{13} + 12 \cdot 13^{14} + 13^{15} + 3 \cdot 13^{16} + 13^{17} + 7 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 3, 1) = 13^{12} + 9 \cdot 13^{13} + 11 \cdot 13^{15} + 6 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 2, 2) = 9 \cdot 13^{12} + 13^{13} + 2 \cdot 13^{14} + 3 \cdot 13^{15} + 7 \cdot 13^{17} + 8 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 8 \cdot 13^{12} + 9 \cdot 13^{13} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 8 \cdot 13^{16} + 9 \cdot 13^{17} + 5 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 3) = 3 \cdot 13^{12} + 13^{13} + 11 \cdot 13^{14} + 7 \cdot 13^{15} + 4 \cdot 13^{16} + 6 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 7 \cdot 13^{12} + 3 \cdot 13^{13} + 5 \cdot 13^{14} + 11 \cdot 13^{15} + 7 \cdot 13^{16} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 7 \cdot 13^{12} + 2 \cdot 13^{15} + 8 \cdot 13^{16} + 2 \cdot 13^{17} + 9 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 3 \cdot 13^{14} + 6 \cdot 13^{15} + 12 \cdot 13^{16} + 8 \cdot 13^{17} + 2 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 5) = 11 \cdot 13^{12} + 13^{13} + 10 \cdot 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 9 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 4, 1) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 4 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 3 \cdot 13^{17} + 8 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 3, 2) = 10 \cdot 13^{12} + 2 \cdot 13^{13} + 11 \cdot 13^{14} + 4 \cdot 13^{16} + 11 \cdot 13^{17} + 10 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 9 \cdot 13^{12} + 5 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 2 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 3) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{14} + 12 \cdot 13^{15} + 8 \cdot 13^{16} + 11 \cdot 13^{17} + 4 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 10 \cdot 13^{12} + 11 \cdot 13^{13} + 8 \cdot 13^{14} + 10 \cdot 13^{15} + 8 \cdot 13^{16} + 4 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 4 \cdot 13^{12} + 12 \cdot 13^{13} + 10 \cdot 13^{14} + 2 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{18} + 6 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 13^{14} + 11 \cdot 13^{15} + 11 \cdot 13^{16} + 5 \cdot 13^{17} + 11 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 4) = 6 \cdot 13^{13} + 3 \cdot 13^{14} + 9 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 12 \cdot 13^{12} + 5 \cdot 13^{13} + 5 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 7 \cdot 13^{17} + 5 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 7 \cdot 13^{12} + 4 \cdot 13^{13} + 10 \cdot 13^{14} + 11 \cdot 13^{15} + 8 \cdot 13^{16} + 12 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 8 \cdot 13^{12} + 13^{13} + 6 \cdot 13^{14} + 10 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 2 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 8 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 9 \cdot 13^{16} + 3 \cdot 13^{17} + 6 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 9 \cdot 13^{12} + 12 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 6 \cdot 13^{16} + 7 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 7 \cdot 13^{12} + 9 \cdot 13^{13} + 7 \cdot 13^{14} + 5 \cdot 13^{15} + 13^{16} + 6 \cdot 13^{17} + 12 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 6) = 5 \cdot 13^{12} + 5 \cdot 13^{14} + 9 \cdot 13^{15} + 6 \cdot 13^{16} + 13^{17} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 5, 1) = 13^{12} + 10 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{16} + 7 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 4, 2) = 13^{12} + 2 \cdot 13^{13} + 6 \cdot 13^{14} + 8 \cdot 13^{15} + 7 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 5 \cdot 13^{12} + 12 \cdot 13^{14} + 5 \cdot 13^{15} + 10 \cdot 13^{16} + 12 \cdot 13^{17} + 8 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 3) = 2 \cdot 13^{13} + 12 \cdot 13^{14} + 6 \cdot 13^{15} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 6 \cdot 13^{18} + 10 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 13^{12} + 3 \cdot 13^{13} + 3 \cdot 13^{14} + 8 \cdot 13^{15} + 11 \cdot 13^{16} + 9 \cdot 13^{17} + 3 \cdot 13^{18} + 5 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 8 \cdot 13^{12} + 11 \cdot 13^{13} + 10 \cdot 13^{14} + 7 \cdot 13^{15} + 11 \cdot 13^{16} + 8 \cdot 13^{17} + 11 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 4) = 2 \cdot 13^{12} + 5 \cdot 13^{14} + 7 \cdot 13^{15} + 6 \cdot 13^{16} + 2 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 2 \cdot 13^{13} + 10 \cdot 13^{14} + 3 \cdot 13^{15} + 5 \cdot 13^{16} + 9 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 13^{12} + 12 \cdot 13^{13} + 13^{14} + 9 \cdot 13^{15} + 2 \cdot 13^{16} + 13^{17} + 4 \cdot 13^{18} + 7 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 11 \cdot 13^{12} + 3 \cdot 13^{13} + 12 \cdot 13^{14} + 8 \cdot 13^{15} + 12 \cdot 13^{16} + 11 \cdot 13^{17} + 13^{18} + 9 \cdot 13^{19} + O(13^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 3) = 5 \cdot 13^{12} + 11 \cdot 13^{13} + 6 \cdot 13^{16} + 8 \cdot 13^{17} + 12 \cdot 13^{18} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 5 \cdot 13^{12} + 3 \cdot 13^{13} + 8 \cdot 13^{14} + 2 \cdot 13^{15} + 11 \cdot 13^{16} + 3 \cdot 13^{17} + 9 \cdot 13^{18} + 4 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 13^{12} + 11 \cdot 13^{13} + 3 \cdot 13^{14} + 12 \cdot 13^{15} + 13^{16} + 12 \cdot 13^{17} + 7 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 5) = 6 \cdot 13^{12} + 13^{13} + 3 \cdot 13^{14} + 5 \cdot 13^{15} + 3 \cdot 13^{16} + 10 \cdot 13^{17} + 3 \cdot 13^{18} + 2 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 4, 1) = 12 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 2 \cdot 13^{15} + 4 \cdot 13^{16} + 5 \cdot 13^{17} + 6 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 2) = 8 \cdot 13^{12} + 8 \cdot 13^{13} + 6 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 5 \cdot 13^{17} + 3 \cdot 13^{18} + 12 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 7 \cdot 13^{12} + 6 \cdot 13^{13} + 2 \cdot 13^{14} + 12 \cdot 13^{15} + 11 \cdot 13^{16} + 4 \cdot 13^{17} + 8 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 3) = 10 \cdot 13^{12} + 6 \cdot 13^{13} + 13^{14} + 8 \cdot 13^{15} + 5 \cdot 13^{16} + 7 \cdot 13^{17} + 6 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 9 \cdot 13^{12} + 4 \cdot 13^{13} + 13^{14} + 10 \cdot 13^{15} + 3 \cdot 13^{16} + 12 \cdot 13^{17} + 6 \cdot 13^{18} + 9 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 13^{12} + 3 \cdot 13^{13} + 7 \cdot 13^{14} + 13^{15} + 13^{16} + 3 \cdot 13^{17} + 7 \cdot 13^{18} + 8 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 4) = 13^{12} + 3 \cdot 13^{13} + 13^{14} + 4 \cdot 13^{15} + 3 \cdot 13^{16} + 2 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 3, 1) = 9 \cdot 13^{12} + 6 \cdot 13^{13} + 6 \cdot 13^{14} + 7 \cdot 13^{16} + 10 \cdot 13^{17} + 11 \cdot 13^{18} + 3 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 13^{12} + 4 \cdot 13^{14} + 4 \cdot 13^{15} + 12 \cdot 13^{16} + 10 \cdot 13^{17} + 4 \cdot 13^{18} + 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 3) = 8 \cdot 13^{12} + 8 \cdot 13^{14} + 8 \cdot 13^{15} + 3 \cdot 13^{17} + 2 \cdot 13^{18} + 11 \cdot 13^{19} + O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(13^{20}) \\
\zeta_{13}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{13}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(13^{20})
\end{aligned}$$

7.  $p = 17$  CASE

## 7.1. weight 0 case.

$$\zeta_{17}([\emptyset]) = \zeta_{17}() = 1 + O(17^{20})$$

## 7.2. weight 1 case.

$$\zeta_{17}([1]) = \zeta_{17}(1) = O(17^{20})$$

## 7.3. weight 2 case.

$$\zeta_{17}([1, 0]) = \zeta_{17}(2) = O(17^{20})$$

$$\zeta_{17}([1, 1]) = \zeta_{17}(1, 1) = O(17^{20})$$

## 7.4. weight 3 case.

$$\zeta_{17}([1, 0, 0]) = \zeta_{17}(3) = 10 \cdot 17^3 + 6 \cdot 17^4 + 10 \cdot 17^5 + 8 \cdot 17^6 + 5 \cdot 17^7 + 9 \cdot 17^8 + 13 \cdot 17^9 + 9 \cdot 17^{10} + 7 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 1]) = \zeta_{17}(2, 1) = 14 \cdot 17^3 + 3 \cdot 17^4 + 13 \cdot 17^5 + 16 \cdot 17^6 + 5 \cdot 17^7 + 15 \cdot 17^8 + 6 \cdot 17^9 + 14 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 0]) = \zeta_{17}(1, 2) = 10 \cdot 17^3 + 6 \cdot 17^4 + 10 \cdot 17^5 + 8 \cdot 17^6 + 5 \cdot 17^7 + 9 \cdot 17^8 + 13 \cdot 17^9 + 9 \cdot 17^{10} + 7 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1]) = \zeta_{17}(1, 1, 1) = O(17^{20})$$

## 7.5. weight 4 case.

$$\zeta_{17}([1, 0, 0, 0]) = \zeta_{17}(4) = O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 1]) = \zeta_{17}(3, 1) = O(17^{20})$$

$$\zeta_{17}([1, 0, 1, 0]) = \zeta_{17}(2, 2) = O(17^{20})$$

$$\zeta_{17}([1, 0, 1, 1]) = \zeta_{17}(2, 1, 1) = O(17^{20})$$

$$\zeta_{17}([1, 1, 0, 0]) = \zeta_{17}(1, 3) = O(17^{20})$$

$$\zeta_{17}([1, 1, 0, 1]) = \zeta_{17}(1, 2, 1) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 0]) = \zeta_{17}(1, 1, 2) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1) = O(17^{20})$$



$$\begin{aligned}
& \zeta_{17}([1, 0, 1, 1, 1, 1]) = \zeta_{17}(2, 1, 1, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 0, 0, 0]) = \zeta_{17}(1, 5) = 17^6 + 5 \cdot 17^7 + 14 \cdot 17^8 + 5 \cdot 17^9 + 13 \cdot 17^{10} + 11 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 0, 0, 1]) = \zeta_{17}(1, 4, 1) = 14 \cdot 17^6 + 17^7 + 8 \cdot 17^8 + 16 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 0, 1, 0]) = \zeta_{17}(1, 3, 2) = 3 \cdot 17^6 + 15 \cdot 17^7 + 8 \cdot 17^8 + 6 \cdot 17^{10} + 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 0, 1, 1]) = \zeta_{17}(1, 3, 1, 1) = 16 \cdot 17^6 + 11 \cdot 17^7 + 2 \cdot 17^8 + 11 \cdot 17^9 + 3 \cdot 17^{10} + 5 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 1, 0, 0]) = \zeta_{17}(1, 2, 3) = 11 \cdot 17^6 + 3 \cdot 17^7 + 16 \cdot 17^8 + 15 \cdot 17^9 + 4 \cdot 17^{10} + 14 \cdot 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 1, 0, 1]) = \zeta_{17}(1, 2, 2, 1) = 8 \cdot 17^6 + 6 \cdot 17^7 + 12 \cdot 17^8 + 12 \cdot 17^9 + 4 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{13} + 5 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 1, 1, 0]) = \zeta_{17}(1, 2, 1, 2) = 16 \cdot 17^6 + 11 \cdot 17^7 + 2 \cdot 17^8 + 11 \cdot 17^9 + 3 \cdot 17^{10} + 5 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 0, 1, 1, 1]) = \zeta_{17}(1, 2, 1, 1, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 0, 0, 0]) = \zeta_{17}(1, 1, 4) = 2 \cdot 17^6 + 10 \cdot 17^7 + 11 \cdot 17^8 + 11 \cdot 17^9 + 9 \cdot 17^{10} + 6 \cdot 17^{11} + 4 \cdot 17^{12} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 0, 0, 1]) = \zeta_{17}(1, 1, 3, 1) = 15 \cdot 17^6 + 6 \cdot 17^7 + 5 \cdot 17^8 + 5 \cdot 17^9 + 7 \cdot 17^{10} + 10 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 0, 1, 0]) = \zeta_{17}(1, 1, 2, 2) = 15 \cdot 17^6 + 6 \cdot 17^7 + 5 \cdot 17^8 + 5 \cdot 17^9 + 7 \cdot 17^{10} + 10 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 0, 1, 1]) = \zeta_{17}(1, 1, 2, 1, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 0, 0]) = \zeta_{17}(1, 1, 1, 3) = 17^6 + 5 \cdot 17^7 + 14 \cdot 17^8 + 5 \cdot 17^9 + 13 \cdot 17^{10} + 11 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 0, 1]) = \zeta_{17}(1, 1, 1, 2, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 2) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1) = O(17^{20})
\end{aligned}$$

### 7.8. weight 7 case.

$$\begin{aligned}
& \zeta_{17}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{17}(7) = 4 \cdot 17^7 + 5 \cdot 17^8 + 6 \cdot 17^9 + 17^{10} + 4 \cdot 17^{11} + 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{17}(6, 1) = 17^7 + 13 \cdot 17^8 + 8 \cdot 17^9 + 11 \cdot 17^{10} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{17}(5, 2) = 6 \cdot 17^7 + 17^8 + 12 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 12 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{17}(5, 1, 1) = 9 \cdot 17^7 + 6 \cdot 17^8 + 4 \cdot 17^9 + 14 \cdot 17^{10} + 8 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{17}(4, 3) = 13 \cdot 17^7 + 7 \cdot 17^8 + 5 \cdot 17^9 + 9 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{17}(4, 2, 1) = 16 \cdot 17^7 + 8 \cdot 17^8 + 14 \cdot 17^9 + 9 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{17}(4, 1, 2) = 5 \cdot 17^7 + 12 \cdot 17^8 + 7 \cdot 17^9 + 10 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{17}(4, 1, 1, 1) = 11 \cdot 17^7 + 3 \cdot 17^8 + 11 \cdot 17^9 + 7 \cdot 17^{10} + 10 \cdot 17^{11} + 9 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{17}(3, 4) = 4 \cdot 17^8 + 5 \cdot 17^9 + 6 \cdot 17^{10} + 17^{11} + 4 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{17}(3, 3, 1) = 7 \cdot 17^8 + 4 \cdot 17^9 + 8 \cdot 17^{10} + 16 \cdot 17^{11} + 6 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{17}(3, 2, 2) = 8 \cdot 17^7 + 17^8 + 17^9 + 9 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{17}(3, 2, 1, 1) = 6 \cdot 17^7 + 11 \cdot 17^8 + 7 \cdot 17^9 + 5 \cdot 17^{10} + 7 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{17}(3, 1, 3) = 16 \cdot 17^7 + 2 \cdot 17^8 + 11 \cdot 17^9 + 16 \cdot 17^{10} + 15 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{17}(3, 1, 2, 1) = 13 \cdot 17^7 + 6 \cdot 17^8 + 4 \cdot 17^9 + 11 \cdot 17^{10} + 12 \cdot 17^{11} + 10 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{17}(3, 1, 1, 2) = 5 \cdot 17^7 + 12 \cdot 17^8 + 7 \cdot 17^9 + 10 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 1) = 11 \cdot 17^7 + 3 \cdot 17^8 + 11 \cdot 17^9 + 7 \cdot 17^{10} + 10 \cdot 17^{11} + 9 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 2) = 11 \cdot 17^7 + 9 \cdot 17^8 + 14 \cdot 17^9 + 11 \cdot 17^{11} + 15 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1) = 12 \cdot 17^7 + 15 \cdot 17^8 + 17^9 + 4 \cdot 17^{10} + 12 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 3) = 17^8 + 17^9 + 15 \cdot 17^{10} + 15 \cdot 17^{11} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1) = 6 \cdot 17^7 + 17^8 + 12 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 12 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2) = 4 \cdot 17^8 + 5 \cdot 17^9 + 6 \cdot 17^{10} + 17^{11} + 4 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1) = 5 \cdot 17^7 + 14 \cdot 17^8 + 9 \cdot 17^9 + 6 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 4) = 3 \cdot 17^7 + 9 \cdot 17^8 + 14 \cdot 17^9 + 6 \cdot 17^{10} + 3 \cdot 17^{11} + 6 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1) = 17^7 + 13 \cdot 17^8 + 8 \cdot 17^9 + 11 \cdot 17^{10} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2) = 7 \cdot 17^7 + 10 \cdot 17^8 + 15 \cdot 17^9 + 17^{10} + 6 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1) = 9 \cdot 17^7 + 10 \cdot 17^8 + 9 \cdot 17^9 + 3 \cdot 17^{10} + 10 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3) = 12 \cdot 17^7 + 15 \cdot 17^8 + 17^9 + 4 \cdot 17^{10} + 12 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1) = 10 \cdot 17^7 + 2 \cdot 17^8 + 13 \cdot 17^9 + 8 \cdot 17^{10} + 9 \cdot 17^{11} + 9 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2) = 4 \cdot 17^7 + 5 \cdot 17^8 + 6 \cdot 17^9 + 17^{10} + 4 \cdot 17^{11} + 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1) = O(17^{20})
\end{aligned}$$

### 7.9. weight 8 case.

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(8) = O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(7, 1) = 9 \cdot 17^8 + 14 \cdot 17^9 + 8 \cdot 17^{10} + 2 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(6, 2) = 8 \cdot 17^8 + 13 \cdot 17^9 + 15 \cdot 17^{10} + 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(6, 1, 1) = 7 \cdot 17^8 + 13 \cdot 17^9 + 16 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(5, 3) = 12 \cdot 17^8 + 17^9 + 10 \cdot 17^{10} + 4 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(5, 2, 1) = 13 \cdot 17^8 + 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(5, 1, 2) = 4 \cdot 17^8 + 16 \cdot 17^9 + 4 \cdot 17^{10} + 3 \cdot 17^{11} + 3 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(5, 1, 1, 1) = 15 \cdot 17^9 + 11 \cdot 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 4) = O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 3, 1) = 8 \cdot 17^8 + 5 \cdot 17^9 + 4 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 2, 2) = 14 \cdot 17^8 + 8 \cdot 17^{10} + 12 \cdot 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 2, 1, 1) = 6 \cdot 17^8 + 10 \cdot 17^9 + 10 \cdot 17^{10} + 13 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 3) = 10 \cdot 17^8 + 13 \cdot 17^9 + 10 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 2, 1) = 6 \cdot 17^8 + 4 \cdot 17^9 + 12 \cdot 17^{10} + 7 \cdot 17^{11} + 14 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 2) = 4 \cdot 17^8 + 16 \cdot 17^9 + 7 \cdot 17^{10} + 16 \cdot 17^{11} + 7 \cdot 17^{12} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 1) = 8 \cdot 17^8 + 3 \cdot 17^{10} + 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 5) = 14 \cdot 17^8 + 12 \cdot 17^9 + 15 \cdot 17^{10} + 14 \cdot 17^{11} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 4, 1) = 14 \cdot 17^8 + 7 \cdot 17^9 + 8 \cdot 17^{11} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 3, 2) = 7 \cdot 17^8 + 11 \cdot 17^9 + 8 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 3, 1, 1) = 16 \cdot 17^8 + 15 \cdot 17^{10} + 7 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 3) = 13 \cdot 17^8 + 7 \cdot 17^9 + 16 \cdot 17^{10} + 10 \cdot 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 2, 1) = 11 \cdot 17^9 + 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 2) = 14 \cdot 17^8 + 5 \cdot 17^9 + 10 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 1) = 5 \cdot 17^8 + 3 \cdot 17^9 + 11 \cdot 17^{10} + 11 \cdot 17^{11} + 5 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 4) = 6 \cdot 17^8 + 10 \cdot 17^9 + 4 \cdot 17^{10} + 4 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{15} + 9 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 3, 1) = 4 \cdot 17^8 + 17^9 + 4 \cdot 17^{10} + 7 \cdot 17^{11} + 4 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 2) = 17^8 + 8 \cdot 17^9 + 16 \cdot 17^{10} + 8 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 1) = 7 \cdot 17^8 + 17^9 + 4 \cdot 17^{10} + 5 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 3) = 9 \cdot 17^8 + 16 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 1) = 17^8 + 9 \cdot 17^9 + 17^{10} + 2 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 2) = 4 \cdot 17^8 + 16 \cdot 17^9 + 4 \cdot 17^{10} + 3 \cdot 17^{11} + 3 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1) = 6 \cdot 17^8 + 17^9 + 16 \cdot 17^{10} + 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 6) = 9 \cdot 17^8 + 3 \cdot 17^9 + 17^{10} + 16 \cdot 17^{11} + 15 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 5, 1) = 13 \cdot 17^8 + 9 \cdot 17^{10} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 4, 2) = 15 \cdot 17^8 + 17^9 + 2 \cdot 17^{10} + 8 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 4, 1, 1) = 10 \cdot 17^8 + 4 \cdot 17^9 + 5 \cdot 17^{10} + 8 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 3) = 5 \cdot 17^8 + 7 \cdot 17^{11} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 2, 1) = 14 \cdot 17^8 + 6 \cdot 17^9 + 12 \cdot 17^{10} + 10 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 2) = 17^8 + 8 \cdot 17^9 + 16 \cdot 17^{10} + 8 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 1) = 5 \cdot 17^8 + 3 \cdot 17^9 + 16 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 4) = 5 \cdot 17^8 + 14 \cdot 17^9 + 6 \cdot 17^{10} + 13 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 3, 1) = 5 \cdot 17^8 + 6 \cdot 17^9 + 4 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 2) = O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1) = 15 \cdot 17^8 + 9 \cdot 17^9 + 15 \cdot 17^{10} + 6 \cdot 17^{11} + 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 3) = 2 \cdot 17^8 + 6 \cdot 17^9 + 16 \cdot 17^{10} + 8 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 1) = 3 \cdot 17^8 + 10 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 2) = 14 \cdot 17^8 + 8 \cdot 17^{10} + 12 \cdot 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1) = 4 \cdot 17^8 + 14 \cdot 17^9 + 2 \cdot 17^{10} + 3 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 5) = 6 \cdot 17^8 + 2 \cdot 17^9 + 13 \cdot 17^{10} + 3 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 4, 1) = 12 \cdot 17^8 + 3 \cdot 17^9 + 4 \cdot 17^{10} + 10 \cdot 17^{11} + 11 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 2) = 17^8 + 11 \cdot 17^9 + 5 \cdot 17^{10} + 4 \cdot 17^{11} + 13 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 1) = 15 \cdot 17^9 + 13 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 3) = 8 \cdot 17^8 + 11 \cdot 17^9 + 5 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 1) = 16 \cdot 17^8 + 4 \cdot 17^9 + 10 \cdot 17^{10} + 2 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 2) = 7 \cdot 17^8 + 11 \cdot 17^9 + 8 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1) = 9 \cdot 17^8 + 14 \cdot 17^9 + 14 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 4) = 14 \cdot 17^8 + 15 \cdot 17^9 + 8 \cdot 17^{10} + 8 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 1) = 6 \cdot 17^8 + 15 \cdot 17^9 + 5 \cdot 17^{10} + 7 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 2) = 15 \cdot 17^8 + 17^9 + 2 \cdot 17^{10} + 8 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1) = 6 \cdot 17^8 + 12 \cdot 17^9 + 12 \cdot 17^{11} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 3) = 14 \cdot 17^8 + 17^9 + 2 \cdot 17^{10} + 2 \cdot 17^{11} + 15 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1) = 4 \cdot 17^8 + 14 \cdot 17^9 + 2 \cdot 17^{10} + 3 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2) = 8 \cdot 17^8 + 13 \cdot 17^9 + 15 \cdot 17^{10} + 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 7) = 8 \cdot 17^8 + 2 \cdot 17^9 + 8 \cdot 17^{10} + 14 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 6, 1) = 3 \cdot 17^8 + 13 \cdot 17^9 + 9 \cdot 17^{10} + 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 5, 2) = 14 \cdot 17^8 + 17^9 + 2 \cdot 17^{10} + 2 \cdot 17^{11} + 15 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 5, 1, 1) = 17^8 + 12 \cdot 17^9 + 5 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 3) = 4 \cdot 17^8 + 13 \cdot 17^9 + 8 \cdot 17^{10} + 13 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 2, 1) = 15 \cdot 17^8 + 17^9 + 4 \cdot 17^{10} + 10 \cdot 17^{11} + 3 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 2) = 9 \cdot 17^8 + 16 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 1) = 13 \cdot 17^8 + 12 \cdot 17^9 + 5 \cdot 17^{10} + 12 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 4) = 3 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 3, 1) = 3 \cdot 17^8 + 6 \cdot 17^9 + 3 \cdot 17^{10} + 2 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 2) = 2 \cdot 17^8 + 6 \cdot 17^9 + 16 \cdot 17^{10} + 8 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 1) = 12 \cdot 17^8 + 5 \cdot 17^9 + 5 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 3) = O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 1) = 7 \cdot 17^8 + 5 \cdot 17^9 + 5 \cdot 17^{10} + 9 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 2) = 10 \cdot 17^8 + 13 \cdot 17^9 + 10 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1) = 15 \cdot 17^9 + 13 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 5) = 9 \cdot 17^8 + 14 \cdot 17^9 + 11 \cdot 17^{10} + 15 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 4, 1) = 11 \cdot 17^8 + 10 \cdot 17^9 + 7 \cdot 17^{10} + 7 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 2) = 8 \cdot 17^8 + 11 \cdot 17^9 + 5 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 1) = 2 \cdot 17^8 + 9 \cdot 17^9 + 9 \cdot 17^{10} + 2 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{16} + 4 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 3) = 13 \cdot 17^8 + 4 \cdot 17^9 + 17^{10} + 16 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 1) = 9 \cdot 17^9 + 14 \cdot 17^{10} + 8 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 2) = 13 \cdot 17^8 + 7 \cdot 17^9 + 16 \cdot 17^{10} + 10 \cdot 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1) = 8 \cdot 17^9 + 13 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 4) = 11 \cdot 17^8 + 5 \cdot 17^9 + 4 \cdot 17^{10} + 2 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 1) = 2 \cdot 17^9 + 2 \cdot 17^{10} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 2) = 5 \cdot 17^8 + 7 \cdot 17^{11} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1) = 3 \cdot 17^8 + 2 \cdot 17^9 + 2 \cdot 17^{10} + 15 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 3) = 4 \cdot 17^8 + 13 \cdot 17^9 + 8 \cdot 17^{10} + 13 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1) = 3 \cdot 17^8 + 10 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2) = 12 \cdot 17^8 + 17^9 + 10 \cdot 17^{10} + 4 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 6) = 7 \cdot 17^8 + 7 \cdot 17^9 + 7 \cdot 17^{10} + 9 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 5, 1) = 17^8 + 14 \cdot 17^9 + 5 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 2) = 14 \cdot 17^8 + 15 \cdot 17^9 + 8 \cdot 17^{10} + 8 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 1) = 5 \cdot 17^8 + 16 \cdot 17^9 + 11 \cdot 17^{10} + 9 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 3) = 11 \cdot 17^8 + 5 \cdot 17^9 + 4 \cdot 17^{10} + 2 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 1) = 10 \cdot 17^8 + 6 \cdot 17^9 + 16 \cdot 17^{10} + 13 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 2) = 6 \cdot 17^8 + 10 \cdot 17^9 + 4 \cdot 17^{10} + 4 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{15} + 9 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 4) = 16 \cdot 17^8 + 9 \cdot 17^9 + 3 \cdot 17^{10} + 11 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 1) = 10 \cdot 17^8 + 6 \cdot 17^9 + 4 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 2) = 5 \cdot 17^8 + 14 \cdot 17^9 + 6 \cdot 17^{10} + 13 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1) = 15 \cdot 17^8 + 17^9 + 2 \cdot 17^{10} + 8 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 3) = 3 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1) = 12 \cdot 17^8 + 16 \cdot 17^9 + 4 \cdot 17^{10} + 8 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 5) = 15 \cdot 17^8 + 9 \cdot 17^9 + 15 \cdot 17^{10} + 6 \cdot 17^{11} + 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 1) = 17^8 + 14 \cdot 17^9 + 5 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 2) = 6 \cdot 17^8 + 2 \cdot 17^9 + 13 \cdot 17^{10} + 3 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1) = 9 \cdot 17^8 + 16 \cdot 17^9 + 7 \cdot 17^{10} + 6 \cdot 17^{11} + 9 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 3) = 9 \cdot 17^8 + 14 \cdot 17^9 + 11 \cdot 17^{10} + 15 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1) = 12 \cdot 17^8 + 7 \cdot 17^9 + 13 \cdot 17^{10} + 8 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2) = 14 \cdot 17^8 + 12 \cdot 17^9 + 15 \cdot 17^{10} + 14 \cdot 17^{11} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
& \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 2, 1, 1, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 4) = 7 \cdot 17^8 + 7 \cdot 17^9 + 7 \cdot 17^{10} + 9 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 3, 1) = 11 \cdot 17^8 + 15 \cdot 17^9 + 16 \cdot 17^{11} + 15 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 2, 2) = 9 \cdot 17^8 + 3 \cdot 17^9 + 17^{10} + 16 \cdot 17^{11} + 15 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 2, 1, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 3) = 8 \cdot 17^8 + 2 \cdot 17^9 + 8 \cdot 17^{10} + 14 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 2, 1) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 2) = O(17^{20}) \\
& \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20})
\end{aligned}$$

### 7.10. weight 9 case.

$$\begin{aligned}
& \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{17}(9) = 8 \cdot 17^9 + 2 \cdot 17^{10} + 10 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{17}(8, 1) = 11 \cdot 17^9 + 4 \cdot 17^{10} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{17}(7, 2) = 4 \cdot 17^9 + 9 \cdot 17^{10} + 7 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{17}(7, 1, 1) = 3 \cdot 17^9 + 16 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{17}(6, 3) = 14 \cdot 17^{10} + 10 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{17}(6, 2, 1) = 7 \cdot 17^9 + 2 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{17}(6, 1, 2) = 12 \cdot 17^9 + 4 \cdot 17^{10} + 9 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{17}(6, 1, 1, 1) = 6 \cdot 17^9 + 2 \cdot 17^{10} + 7 \cdot 17^{11} + 4 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{17}(5, 4) = 7 \cdot 17^9 + 17^{10} + 5 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{17}(5, 3, 1) = 3 \cdot 17^9 + 7 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{17}(5, 2, 2) = 7 \cdot 17^9 + 10 \cdot 17^{10} + 6 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{17}(5, 2, 1, 1) = 3 \cdot 17^9 + 12 \cdot 17^{10} + 12 \cdot 17^{11} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{17}(5, 1, 3) = 8 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{17}(5, 1, 2, 1) = 17^9 + 4 \cdot 17^{10} + 15 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{17}(5, 1, 1, 2) = 14 \cdot 17^9 + 3 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{17}(5, 1, 1, 1, 1) = 16 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{17}(4, 5) = 2 \cdot 17^9 + 13 \cdot 17^{10} + 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{17}(4, 4, 1) = 2 \cdot 17^9 + 17^{10} + 16 \cdot 17^{11} + 4 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{17}(4, 3, 2) = 10 \cdot 17^9 + 6 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{17}(4, 3, 1, 1) = 14 \cdot 17^9 + 13 \cdot 17^{10} + 12 \cdot 17^{11} + 5 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{17}(4, 2, 3) = 15 \cdot 17^9 + 3 \cdot 17^{10} + 9 \cdot 17^{11} + 11 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{17}(4, 2, 2, 1) = 8 \cdot 17^9 + 8 \cdot 17^{10} + 4 \cdot 17^{11} + 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
& \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{17}(4, 2, 1, 2) = 10 \cdot 17^{10} + 5 \cdot 17^{11} + 6 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 2, 1, 1, 1) = 5 \cdot 17^9 + 10 \cdot 17^{10} + 8 \cdot 17^{11} + 9 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 4) = 14 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 3, 1) = 10 \cdot 17^9 + 11 \cdot 17^{10} + 5 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 2, 2) = 15 \cdot 17^9 + 15 \cdot 17^{10} + 7 \cdot 17^{11} + 2 \cdot 17^{12} + 15 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 2, 1, 1) = 14 \cdot 17^{10} + 12 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 3) = 14 \cdot 17^9 + 8 \cdot 17^{10} + 7 \cdot 17^{11} + 11 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 2, 1) = 3 \cdot 17^9 + 4 \cdot 17^{10} + 10 \cdot 17^{11} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 2) = 14 \cdot 17^9 + 3 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 1) = 15 \cdot 17^9 + 5 \cdot 17^{10} + 8 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 6) = 9 \cdot 17^9 + 13 \cdot 17^{11} + 9 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 5, 1) = 3 \cdot 17^9 + 7 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 4, 2) = 6 \cdot 17^9 + 12 \cdot 17^{10} + 17^{11} + 12 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 4, 1, 1) = 17^9 + 8 \cdot 17^{10} + 5 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 17^{16} + 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 3, 3) = 5 \cdot 17^9 + 10 \cdot 17^{10} + 4 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 3, 2, 1) = 4 \cdot 17^9 + 5 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 3, 1, 2) = 3 \cdot 17^9 + 6 \cdot 17^{10} + 15 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 3, 1, 1, 1) = 3 \cdot 17^{10} + 12 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 4) = 5 \cdot 17^9 + 5 \cdot 17^{10} + 5 \cdot 17^{11} + 8 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 3, 1) = 6 \cdot 17^9 + 4 \cdot 17^{10} + 14 \cdot 17^{11} + 15 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 2, 2) = 6 \cdot 17^9 + 3 \cdot 17^{10} + 11 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 2, 1, 1) = 17^9 + 15 \cdot 17^{10} + 9 \cdot 17^{11} + 3 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 3) = 2 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 2, 1) = 17^9 + 2 \cdot 17^{10} + 12 \cdot 17^{11} + 4 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 2) = 10 \cdot 17^{10} + 5 \cdot 17^{11} + 6 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 1) = 7 \cdot 17^9 + 14 \cdot 17^{10} + 15 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 5) = 8 \cdot 17^9 + 14 \cdot 17^{10} + 14 \cdot 17^{11} + 4 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 4, 1) = 14 \cdot 17^9 + 11 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 3, 2) = 10 \cdot 17^9 + 13 \cdot 17^{10} + 2 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 3, 1, 1) = 8 \cdot 17^9 + 7 \cdot 17^{10} + 13 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{15} + 10 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 3) = 6 \cdot 17^9 + 16 \cdot 17^{10} + 15 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 2, 1) = 10 \cdot 17^9 + 15 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 2) = 3 \cdot 17^9 + 6 \cdot 17^{10} + 15 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 1) = 12 \cdot 17^9 + 11 \cdot 17^{10} + 2 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 4) = 8 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 3, 1) = 14 \cdot 17^9 + 7 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 2) = 16 \cdot 17^9 + 14 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 1) = 17^9 + 5 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 3) = 3 \cdot 17^9 + 5 \cdot 17^{10} + 4 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 1) = 17^9 + 17^{10} + 13 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 2) = 12 \cdot 17^9 + 4 \cdot 17^{10} + 9 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1) = 9 \cdot 17^9 + 10 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 7) = 5 \cdot 17^9 + 5 \cdot 17^{10} + 16 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 6, 1) = 4 \cdot 17^9 + 8 \cdot 17^{10} + 10 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 5, 2) = 9 \cdot 17^9 + 2 \cdot 17^{10} + 8 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 5, 1, 1) = 10 \cdot 17^9 + 2 \cdot 17^{10} + 6 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 4, 3) = 7 \cdot 17^9 + 13 \cdot 17^{10} + 5 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 4, 2, 1) = 11 \cdot 17^9 + 16 \cdot 17^{10} + 7 \cdot 17^{11} + 5 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 4, 1, 2) = 16 \cdot 17^9 + 14 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 4, 1, 1, 1) = 2 \cdot 17^9 + 2 \cdot 17^{10} + 5 \cdot 17^{11} + 4 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 4) = 7 \cdot 17^9 + 14 \cdot 17^{10} + 8 \cdot 17^{11} + 6 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 3, 1) = 10 \cdot 17^9 + 10 \cdot 17^{10} + 6 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 2, 2) = 15 \cdot 17^9 + 12 \cdot 17^{10} + 3 \cdot 17^{11} + 13 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 2, 1, 1) = 2 \cdot 17^9 + 8 \cdot 17^{10} + 4 \cdot 17^{11} + 12 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 3) = 3 \cdot 17^9 + 12 \cdot 17^{10} + 4 \cdot 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 2, 1) = 2 \cdot 17^9 + 8 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 2) = 15 \cdot 17^9 + 15 \cdot 17^{10} + 7 \cdot 17^{11} + 2 \cdot 17^{12} + 15 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 1) = 11 \cdot 17^9 + 10 \cdot 17^{10} + 16 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 5) = 9 \cdot 17^9 + 6 \cdot 17^{10} + 12 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 4, 1) = 14 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 3, 2) = 6 \cdot 17^9 + 9 \cdot 17^{10} + 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 3, 1, 1) = 6 \cdot 17^9 + 15 \cdot 17^{10} + 14 \cdot 17^{11} + 10 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 2, 3) = 16 \cdot 17^9 + 5 \cdot 17^{10} + 7 \cdot 17^{11} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 2, 1) = 16 \cdot 17^9 + 4 \cdot 17^{10} + 3 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 2) = 6 \cdot 17^9 + 3 \cdot 17^{10} + 11 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 1) = 2 \cdot 17^9 + 14 \cdot 17^{10} + 4 \cdot 17^{11} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 4) = 15 \cdot 17^9 + 11 \cdot 17^{10} + 5 \cdot 17^{11} + 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 3, 1) = 15 \cdot 17^9 + 4 \cdot 17^{10} + 11 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 2) = 15 \cdot 17^9 + 12 \cdot 17^{10} + 3 \cdot 17^{11} + 13 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 1) = 7 \cdot 17^9 + 15 \cdot 17^{10} + 2 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 3) = 13 \cdot 17^9 + 12 \cdot 17^{10} + 10 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 1) = 7 \cdot 17^9 + 5 \cdot 17^{10} + 10 \cdot 17^{11} + 8 \cdot 17^{13} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 2) = 7 \cdot 17^9 + 10 \cdot 17^{10} + 6 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1) = 3 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 6) = 7 \cdot 17^9 + 13 \cdot 17^{10} + 3 \cdot 17^{11} + 14 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 5, 1) = 11 \cdot 17^9 + 9 \cdot 17^{10} + 11 \cdot 17^{11} + 2 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 4, 2) = 17^9 + 10 \cdot 17^{10} + 8 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 4, 1, 1) = 15 \cdot 17^9 + 8 \cdot 17^{10} + 4 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 3) = 14 \cdot 17^9 + 13 \cdot 17^{10} + 8 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 2, 1) = 11 \cdot 17^9 + 7 \cdot 17^{10} + 7 \cdot 17^{11} + 5 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 2) = 10 \cdot 17^9 + 13 \cdot 17^{10} + 2 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 1) = 8 \cdot 17^9 + 8 \cdot 17^{10} + 17^{11} + 16 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 4) = 6 \cdot 17^9 + 9 \cdot 17^{10} + 9 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 3, 1) = 6 \cdot 17^9 + 8 \cdot 17^{10} + 7 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 2) = 6 \cdot 17^9 + 9 \cdot 17^{10} + 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 1) = 16 \cdot 17^9 + 17^{10} + 5 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 3) = 13 \cdot 17^9 + 13 \cdot 17^{10} + 15 \cdot 17^{11} + 7 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 1) = 10 \cdot 17^9 + 7 \cdot 17^{10} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 2) = 10 \cdot 17^9 + 6 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1) = 9 \cdot 17^{10} + 14 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 5) = 13 \cdot 17^9 + 5 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 4, 1) = 9 \cdot 17^9 + 9 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 2) = 17^9 + 10 \cdot 17^{10} + 8 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 1) = 2 \cdot 17^9 + 7 \cdot 17^{10} + 4 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 3) = 17^9 + 12 \cdot 17^{10} + 12 \cdot 17^{11} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 1) = 6 \cdot 17^9 + 6 \cdot 17^{10} + 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 2) = 6 \cdot 17^9 + 12 \cdot 17^{10} + 17^{11} + 12 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1) = 15 \cdot 17^9 + 9 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 4) = 14 \cdot 17^9 + 16 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 1) = 7 \cdot 17^9 + 6 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 2) = 9 \cdot 17^9 + 2 \cdot 17^{10} + 8 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1) = 13 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 3) = 11 \cdot 17^9 + 3 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1) = 10 \cdot 17^9 + 17^{10} + 17^{11} + 11 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2) = 4 \cdot 17^9 + 9 \cdot 17^{10} + 7 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1) = 4 \cdot 17^9 + 14 \cdot 17^{10} + 3 \cdot 17^{11} + 11 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 8) = 15 \cdot 17^9 + 9 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 7, 1) = 13 \cdot 17^9 + 4 \cdot 17^{10} + 6 \cdot 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 6, 2) = 11 \cdot 17^9 + 3 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 6, 1, 1) = 11 \cdot 17^9 + 3 \cdot 17^{10} + 7 \cdot 17^{11} + 13 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 5, 3) = 7 \cdot 17^9 + 3 \cdot 17^{10} + 14 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 5, 2, 1) = 10 \cdot 17^9 + 2 \cdot 17^{10} + 6 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 5, 1, 2) = 3 \cdot 17^9 + 5 \cdot 17^{10} + 4 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 5, 1, 1, 1) = 7 \cdot 17^9 + 15 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 4) = 6 \cdot 17^9 + 4 \cdot 17^{10} + 11 \cdot 17^{11} + 10 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 3, 1) = 15 \cdot 17^9 + 13 \cdot 17^{10} + 7 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 2, 2) = 13 \cdot 17^9 + 12 \cdot 17^{10} + 10 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 2, 1, 1) = 8 \cdot 17^9 + 17^{10} + 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 3) = 15 \cdot 17^9 + 12 \cdot 17^{10} + 16 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 2, 1) = 11 \cdot 17^9 + 8 \cdot 17^{10} + 10 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 2) = 14 \cdot 17^9 + 8 \cdot 17^{10} + 7 \cdot 17^{11} + 11 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 1) = 13 \cdot 17^9 + 6 \cdot 17^{10} + 5 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 5) = 12 \cdot 17^9 + 15 \cdot 17^{10} + 9 \cdot 17^{11} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 4, 1) = 7 \cdot 17^9 + 2 \cdot 17^{10} + 9 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 3, 2) = 13 \cdot 17^9 + 13 \cdot 17^{10} + 15 \cdot 17^{11} + 7 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 3, 1, 1) = 14 \cdot 17^9 + 6 \cdot 17^{10} + 15 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 3) = 12 \cdot 17^9 + 3 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 2, 1) = 14 \cdot 17^9 + 15 \cdot 17^{10} + 2 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 2) = 2 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 1) = 7 \cdot 17^9 + 3 \cdot 17^{10} + 14 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 4) = 8 \cdot 17^9 + 12 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 3, 1) = 17^9 + 13 \cdot 17^{10} + 9 \cdot 17^{11} + 12 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 2) = 3 \cdot 17^9 + 12 \cdot 17^{10} + 4 \cdot 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 1) = 11 \cdot 17^9 + 9 \cdot 17^{10} + 5 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 12 \cdot 17^{16} + 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 3) = 15 \cdot 17^9 + 12 \cdot 17^{10} + 16 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 1) = 2 \cdot 17^9 + 7 \cdot 17^{10} + 4 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 2) = 8 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1) = 14 \cdot 17^9 + 17^{10} + 11 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{15} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 6) = 9 \cdot 17^9 + 6 \cdot 17^{10} + 7 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 5, 1) = 4 \cdot 17^9 + 17^{10} + 14 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 4, 2) = 17^9 + 12 \cdot 17^{10} + 12 \cdot 17^{11} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 4, 1, 1) = 12 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 3) = 5 \cdot 17^9 + 10 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 2, 1) = 11 \cdot 17^9 + 7 \cdot 17^{10} + 16 \cdot 17^{11} + 4 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 2) = 6 \cdot 17^9 + 16 \cdot 17^{10} + 15 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 1) = 3 \cdot 17^9 + 14 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 4) = 12 \cdot 17^9 + 6 \cdot 17^{10} + 2 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 3, 1) = 16 \cdot 17^9 + 2 \cdot 17^{10} + 7 \cdot 17^{11} + 8 \cdot 17^{12} + 13 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 2) = 16 \cdot 17^9 + 5 \cdot 17^{10} + 7 \cdot 17^{11} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 1) = 8 \cdot 17^9 + 12 \cdot 17^{10} + 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 3) = 12 \cdot 17^9 + 3 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 1) = 15 \cdot 17^9 + 2 \cdot 17^{10} + 15 \cdot 17^{11} + 2 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 2) = 15 \cdot 17^9 + 3 \cdot 17^{10} + 9 \cdot 17^{11} + 11 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1) = 17^9 + 5 \cdot 17^{10} + 6 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 5) = 7 \cdot 17^9 + 12 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 4, 1) = 14 \cdot 17^9 + 2 \cdot 17^{10} + 3 \cdot 17^{11} + 16 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 2) = 14 \cdot 17^9 + 13 \cdot 17^{10} + 8 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 1) = 11 \cdot 17^9 + 9 \cdot 17^{10} + 5 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 12 \cdot 17^{16} + 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 3) = 5 \cdot 17^9 + 10 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 1) = 16 \cdot 17^9 + 14 \cdot 17^{10} + 14 \cdot 17^{11} + 13 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 2) = 5 \cdot 17^9 + 10 \cdot 17^{10} + 4 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1) = 3 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 4) = 9 \cdot 17^9 + 17^{10} + 6 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 1) = 15 \cdot 17^9 + 10 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 2) = 7 \cdot 17^9 + 13 \cdot 17^{10} + 5 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1) = 11 \cdot 17^9 + 14 \cdot 17^{10} + 9 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 3) = 7 \cdot 17^9 + 3 \cdot 17^{10} + 14 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1) = 13 \cdot 17^9 + 10 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2) = 14 \cdot 17^{10} + 10 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 7) = 9 \cdot 17^9 + 15 \cdot 17^{10} + 10 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 6, 1) = 9 \cdot 17^9 + 13 \cdot 17^{10} + 16 \cdot 17^{11} + 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 5, 2) = 14 \cdot 17^9 + 16 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 5, 1, 1) = 10 \cdot 17^9 + 9 \cdot 17^{10} + 8 \cdot 17^{11} + 13 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 3) = 9 \cdot 17^9 + 17^{10} + 6 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 2, 1) = 13 \cdot 17^9 + 13 \cdot 17^{10} + 2 \cdot 17^{11} + 9 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 2) = 8 \cdot 17^9 + 13 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 1) = 2 \cdot 17^9 + 2 \cdot 17^{10} + 6 \cdot 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 4) = 14 \cdot 17^9 + 3 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 3, 1) = 14 \cdot 17^9 + 8 \cdot 17^{10} + 2 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 2) = 15 \cdot 17^9 + 11 \cdot 17^{10} + 5 \cdot 17^{11} + 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 1) = 3 \cdot 17^{10} + 4 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 3) = 8 \cdot 17^9 + 12 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 1) = 14 \cdot 17^9 + 13 \cdot 17^{10} + 3 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{13} + 17^{14} + 10 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 2) = 14 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1) = 16 \cdot 17^9 + 2 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 5) = 5 \cdot 17^9 + 4 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 4, 1) = 2 \cdot 17^9 + 16 \cdot 17^{10} + 15 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 2) = 6 \cdot 17^9 + 9 \cdot 17^{10} + 9 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 1) = 4 \cdot 17^9 + 9 \cdot 17^{10} + 4 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 3) = 12 \cdot 17^9 + 6 \cdot 17^{10} + 2 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 1) = 8 \cdot 17^9 + 2 \cdot 17^{10} + 7 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 2) = 5 \cdot 17^9 + 5 \cdot 17^{10} + 5 \cdot 17^{11} + 8 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1) = 8 \cdot 17^9 + 9 \cdot 17^{10} + 12 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 4) = 14 \cdot 17^9 + 3 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 1) = 12 \cdot 17^9 + 11 \cdot 17^{10} + 2 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 2) = 7 \cdot 17^9 + 14 \cdot 17^{10} + 8 \cdot 17^{11} + 6 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1) = 3 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 3) = 6 \cdot 17^9 + 4 \cdot 17^{10} + 11 \cdot 17^{11} + 10 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1) = 15 \cdot 17^9 + 9 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2) = 7 \cdot 17^9 + 17^{10} + 5 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1) = 11 \cdot 17^9 + 14 \cdot 17^{10} + 9 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 6) = 12 \cdot 17^{10} + 9 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 5, 1) = 9 \cdot 17^9 + 2 \cdot 17^{10} + 3 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 2) = 13 \cdot 17^9 + 5 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 1) = 6 \cdot 17^9 + 12 \cdot 17^{10} + 17^{11} + 14 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 3) = 7 \cdot 17^9 + 12 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 1) = 8 \cdot 17^9 + 16 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 2) = 8 \cdot 17^9 + 14 \cdot 17^{10} + 14 \cdot 17^{11} + 4 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1) = 16 \cdot 17^9 + 2 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 4) = 5 \cdot 17^9 + 4 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 1) = 7 \cdot 17^9 + 14 \cdot 17^{10} + 15 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 2) = 9 \cdot 17^9 + 6 \cdot 17^{10} + 12 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1) = 17^9 + 5 \cdot 17^{10} + 6 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 3) = 12 \cdot 17^9 + 15 \cdot 17^{10} + 9 \cdot 17^{11} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1) = 9 \cdot 17^{10} + 14 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2) = 2 \cdot 17^9 + 13 \cdot 17^{10} + 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1) = 16 \cdot 17^9 + 2 \cdot 17^{10} + 13 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 5) = 12 \cdot 17^{10} + 9 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 1) = 15 \cdot 17^9 + 5 \cdot 17^{10} + 8 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 2) = 7 \cdot 17^9 + 13 \cdot 17^{10} + 3 \cdot 17^{11} + 14 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1) = 14 \cdot 17^9 + 17^{10} + 11 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{15} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 3) = 9 \cdot 17^9 + 6 \cdot 17^{10} + 7 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 1) = 3 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 2) = 9 \cdot 17^9 + 13 \cdot 17^{11} + 9 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 1) = 11 \cdot 17^9 + 14 \cdot 17^{10} + 9 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 4) = 9 \cdot 17^9 + 15 \cdot 17^{10} + 10 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1) = 9 \cdot 17^9 + 10 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2) = 5 \cdot 17^9 + 5 \cdot 17^{10} + 16 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 17^9 + 17^{10} + 12 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3) = 15 \cdot 17^9 + 9 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 17^9 + 14 \cdot 17^{10} + 3 \cdot 17^{11} + 11 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2) = 8 \cdot 17^9 + 2 \cdot 17^{10} + 10 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20})
\end{aligned}$$

## 7.11. weight 10 case.

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{17}(10) = O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{17}(9, 1) = 7 \cdot 17^{10} + 11 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{17}(8, 2) = 11 \cdot 17^{10} + 5 \cdot 17^{11} + 8 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{17}(8, 1, 1) = 5 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{17}(7, 3) = 11 \cdot 17^{10} + 7 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{17}(7, 2, 1) = 4 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{17}(7, 1, 2) = 3 \cdot 17^{10} + 4 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{17}(7, 1, 1, 1) = 15 \cdot 17^{10} + 11 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{17}(6, 4) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{17}(6, 3, 1) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 13 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{17}(6, 2, 2) = 10 \cdot 17^{10} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{17}(6, 2, 1, 1) = 9 \cdot 17^{10} + 12 \cdot 17^{11} + 7 \cdot 17^{14} + 16 \cdot 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{17}(6, 1, 3) = 4 \cdot 17^{10} + 16 \cdot 17^{11} + 6 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{17}(6, 1, 2, 1) = 12 \cdot 17^{10} + 13 \cdot 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{17}(6, 1, 1, 2) = 3 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{17}(6, 1, 1, 1, 1) = 11 \cdot 17^{10} + 12 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{17}(5, 5) = 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{18} + 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{17}(5, 4, 1) = 15 \cdot 17^{10} + 2 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{18} + 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{17}(5, 3, 2) = 7 \cdot 17^{10} + 2 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 13 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{17}(5, 3, 1, 1) = 16 \cdot 17^{10} + 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{17}(5, 2, 3) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{17}(5, 2, 2, 1) = 14 \cdot 17^{11} + 6 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{17}(5, 2, 1, 2) = 17^{10} + 14 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{17}(5, 2, 1, 1, 1) = 10 \cdot 17^{10} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{17}(5, 1, 4) = 12 \cdot 17^{10} + 2 \cdot 17^{11} + 10 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{17}(5, 1, 3, 1) = 10 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{17}(5, 1, 2, 2) = 11 \cdot 17^{10} + 12 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{17}(5, 1, 2, 1, 1) = 3 \cdot 17^{10} + 11 \cdot 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{17}(5, 1, 1, 3) = 17^{10} + 5 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{17}(5, 1, 1, 2, 1) = 13 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{17}(5, 1, 1, 1, 2) = 13 \cdot 17^{10} + 10 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{17}(5, 1, 1, 1, 1, 1) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20})$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 6) = 3 \cdot 17^{10} + 10 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 5, 1) = 16 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 4, 2) = 10 \cdot 17^{10} + 2 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 4, 1, 1) = 12 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 3, 3) = 8 \cdot 17^{10} + 6 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 3, 2, 1) = 9 \cdot 17^{10} + 16 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 3, 1, 2) = 15 \cdot 17^{10} + 7 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 3, 1, 1, 1) = 16 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 2, 4) = 7 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 2, 3, 1) = 16 \cdot 17^{10} + 2 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 2, 2, 2) = 14 \cdot 17^{10} + 10 \cdot 17^{11} + 5 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 2, 2, 1, 1) = 5 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 2, 1, 3) = 2 \cdot 17^{10} + 15 \cdot 17^{11} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 2, 1, 2, 1) = 4 \cdot 17^{10} + 12 \cdot 17^{11} + 15 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 2, 1, 1, 2) = 7 \cdot 17^{10} + 15 \cdot 17^{11} + 13 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 2, 1, 1, 1, 1) = 9 \cdot 17^{10} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 5) = 4 \cdot 17^{10} + 11 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 4, 1) = 8 \cdot 17^{10} + 10 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 3, 2) = 16 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 3, 1, 1) = 10 \cdot 17^{10} + 6 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 2, 3) = 9 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 2, 2, 1) = 4 \cdot 17^{10} + 9 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 2, 1, 2) = 3 \cdot 17^{10} + 5 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 2, 1, 1, 1) = 8 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 4) = 11 \cdot 17^{10} + 15 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 3, 1) = 4 \cdot 17^{10} + 4 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 2, 2) = 10 \cdot 17^{10} + 7 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 2, 1, 1) = 16 \cdot 17^{10} + 4 \cdot 17^{11} + 4 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 3) = 9 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 2, 1) = 5 \cdot 17^{10} + 17^{11} + 12 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 2) = 3 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 1) = 4 \cdot 17^{10} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 7) = 12 \cdot 17^{10} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 6, 1) = 4 \cdot 17^{10} + 12 \cdot 17^{11} + 13 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 5, 2) = 15 \cdot 17^{10} + 13 \cdot 17^{11} + 7 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 5, 1, 1) = 7 \cdot 17^{10} + 4 \cdot 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 4, 3) = 15 \cdot 17^{10} + 5 \cdot 17^{11} + 16 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 4, 2, 1) = 11 \cdot 17^{10} + 6 \cdot 17^{11} + 13 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 4, 1, 2) = 10 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 4, 1, 1, 1) = 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 3, 4) = 5 \cdot 17^{10} + 13 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 3, 3, 1) = 16 \cdot 17^{10} + 12 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 3, 2, 2) = 15 \cdot 17^{10} + 6 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 3, 2, 1, 1) = 14 \cdot 17^{10} + 3 \cdot 17^{11} + 7 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 3, 1, 3) = 13 \cdot 17^{10} + 10 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 3, 1, 2, 1) = 12 \cdot 17^{10} + 7 \cdot 17^{11} + 12 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 3, 1, 1, 2) = 3 \cdot 17^{10} + 5 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 3, 1, 1, 1, 1) = 2 \cdot 17^{10} + 9 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 5) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 4, 1) = 10 \cdot 17^{10} + 9 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 3, 2) = 16 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 3, 1, 1) = 16 \cdot 17^{11} + 4 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 2, 3) = 10 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 2, 2, 1) = 7 \cdot 17^{10} + 7 \cdot 17^{11} + 14 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 2, 1, 2) = 13 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 2, 1, 1, 1) = 7 \cdot 17^{10} + 16 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 4) = 15 \cdot 17^{10} + 6 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 3, 1) = 10 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 2, 2) = 11 \cdot 17^{10} + 7 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 2, 1, 1) = 4 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 3) = 15 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 2, 1) = 16 \cdot 17^{10} + 5 \cdot 17^{11} + 6 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 2) = 17^{10} + 14 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 1) = 17^{10} + 3 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 6) = 13 \cdot 17^{10} + 4 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 5, 1) = 11 \cdot 17^{10} + 10 \cdot 17^{11} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 4, 2) = 3 \cdot 17^{10} + 8 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 4, 1, 1) = 4 \cdot 17^{10} + 13 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 3, 3) = 6 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 3, 2, 1) = 15 \cdot 17^{10} + 16 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 3, 1, 2) = 14 \cdot 17^{10} + 12 \cdot 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 3, 1, 1, 1) = 13 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 4) = 9 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 3, 1) = 14 \cdot 17^{10} + 7 \cdot 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 2, 2) = 6 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 2, 1, 1) = 11 \cdot 17^{10} + 4 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 3) = 8 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 2, 1) = 3 \cdot 17^{10} + 12 \cdot 17^{11} + 10 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{15} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 2) = 15 \cdot 17^{10} + 7 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 1) = 17^{10} + 15 \cdot 17^{11} + 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 5) = 11 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 4, 1) = 6 \cdot 17^{10} + 5 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 3, 2) = 8 \cdot 17^{10} + 9 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 3, 1, 1) = 16 \cdot 17^{10} + 8 \cdot 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 3) = 12 \cdot 17^{10} + 7 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 2, 1) = 2 \cdot 17^{10} + 3 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 2) = 10 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 1) = 17^{10} + 3 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 4) = 15 \cdot 17^{10} + 10 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 3, 1) = 6 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 2) = 6 \cdot 17^{10} + 2 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 1) = 9 \cdot 17^{10} + 15 \cdot 17^{11} + 10 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 3) = 16 \cdot 17^{10} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 1) = 15 \cdot 17^{10} + 9 \cdot 17^{11} + 2 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 2) = 3 \cdot 17^{10} + 4 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 1) = 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 8) = 6 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 7, 1) = 9 \cdot 17^{10} + 16 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 6, 2) = 6 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 6, 1, 1) = 3 \cdot 17^{10} + 16 \cdot 17^{11} + 5 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 5, 3) = 6 \cdot 17^{10} + 13 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 5, 2, 1) = 5 \cdot 17^{10} + 4 \cdot 17^{11} + 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 5, 1, 2) = 6 \cdot 17^{10} + 2 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 5, 1, 1, 1) = 14 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 4, 4) = 7 \cdot 17^{10} + 16 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 4, 3, 1) = 6 \cdot 17^{10} + 15 \cdot 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 4, 2, 2) = 6 \cdot 17^{10} + 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 4, 2, 1, 1) = 17^{10} + 11 \cdot 17^{11} + 16 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 4, 1, 3) = 8 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 4, 1, 2, 1) = 15 \cdot 17^{10} + 13 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 4, 1, 1, 2) = 10 \cdot 17^{10} + 7 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 4, 1, 1, 1, 1) = 3 \cdot 17^{10} + 14 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 5) = 8 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 4, 1) = 3 \cdot 17^{10} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 3, 2) = 11 \cdot 17^{10} + 7 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 3, 1, 1) = 4 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 2, 3) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 2, 2, 1) = 3 \cdot 17^{10} + 6 \cdot 17^{11} + 9 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 2, 1, 2) = 11 \cdot 17^{10} + 7 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 2, 1, 1, 1) = 15 \cdot 17^{10} + 5 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 4) = 11 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 3, 1) = 5 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 2, 2) = 17^{10} + 15 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 2, 1, 1) = 6 \cdot 17^{10} + 10 \cdot 17^{11} + 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 3) = 8 \cdot 17^{10} + 17^{11} + 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 2, 1) = 11 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 2) = 11 \cdot 17^{10} + 12 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 1) = 17^{10} + 11 \cdot 17^{11} + 13 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 6) = 17^{10} + 13 \cdot 17^{11} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 5, 1) = 13 \cdot 17^{10} + 8 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 4, 2) = 8 \cdot 17^{10} + 6 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 4, 1, 1) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 3, 3) = 13 \cdot 17^{10} + 10 \cdot 17^{11} + 14 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 3, 2, 1) = 4 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 3, 1, 2) = 6 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 3, 1, 1, 1) = 6 \cdot 17^{10} + 16 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 4) = 6 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 3, 1) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 2, 2) = O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 2, 1, 1) = 11 \cdot 17^{10} + 11 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 17^{14} + 11 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 3) = 9 \cdot 17^{10} + 2 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 1, 2, 1) = 10 \cdot 17^{10} + 13 \cdot 17^{11} + 8 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 2) = 14 \cdot 17^{10} + 10 \cdot 17^{11} + 5 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 1) = 5 \cdot 17^{11} + 15 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 5) = 6 \cdot 17^{10} + 12 \cdot 17^{11} + 16 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 4, 1) = 15 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 3, 2) = 4 \cdot 17^{10} + 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 3, 1, 1) = 3 \cdot 17^{10} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 3) = 8 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 2, 1) = 14 \cdot 17^{10} + 5 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 2) = 15 \cdot 17^{10} + 6 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 1) = 13 \cdot 17^{10} + 9 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 4) = 6 \cdot 17^{10} + 14 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 3, 1) = 7 \cdot 17^{10} + 6 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 2) = 6 \cdot 17^{10} + 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 1) = 17^{10} + 11 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 3) = 13 \cdot 17^{10} + 16 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 1) = 3 \cdot 17^{10} + 11 \cdot 17^{11} + 3 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 2) = 10 \cdot 17^{10} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 17^{10} + 13 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 7) = 13 \cdot 17^{10} + 11 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 6, 1) = 2 \cdot 17^{10} + 5 \cdot 17^{11} + 17^{12} + 17^{13} + 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 5, 2) = 17^{10} + 6 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 5, 1, 1) = 3 \cdot 17^{10} + 9 \cdot 17^{11} + 4 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 4, 3) = 11 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 4, 2, 1) = 16 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 4, 1, 2) = 8 \cdot 17^{10} + 9 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 4, 1, 1, 1) = 17^{10} + 14 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 4) = 7 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 3, 1) = 14 \cdot 17^{10} + 2 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 2, 2) = 4 \cdot 17^{10} + 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 2, 1, 1) = 16 \cdot 17^{10} + 4 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 3) = 4 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 2, 1) = 11 \cdot 17^{10} + 8 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 2) = 16 \cdot 17^{10} + 17^{11} + 11 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 1) = 13 \cdot 17^{10} + 3 \cdot 17^{11} + 3 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 5) = 13 \cdot 17^{10} + 13 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 4, 1) = 7 \cdot 17^{10} + 16 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
&\quad \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_{17}(2, 1, 2, 3, 2) = O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 3, 1, 1) = 17^{10} + 15 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 2, 3) = 5 \cdot 17^{10} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 2, 1) = 13 \cdot 17^{10} + 11 \cdot 17^{11} + 4 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 2) = 16 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 1) = 16 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 4) = 11 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 3, 1) = 14 \cdot 17^{10} + 13 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 2) = 11 \cdot 17^{10} + 7 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 1) = 17^{10} + 13 \cdot 17^{11} + 16 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 3) = 3 \cdot 17^{10} + 15 \cdot 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 1) = 11 \cdot 17^{10} + 9 \cdot 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 2) = 7 \cdot 17^{10} + 2 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 1) = 16 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 6) = 10 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 5, 1) = 11 \cdot 17^{10} + 13 \cdot 17^{11} + 13 \cdot 17^{12} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 4, 2) = 10 \cdot 17^{10} + 14 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 4, 1, 1) = 8 \cdot 17^{10} + 11 \cdot 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 3) = 17^{10} + 16 \cdot 17^{11} + 10 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 2, 1) = 11 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 2) = 3 \cdot 17^{10} + 8 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 1) = 12 \cdot 17^{10} + 7 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 4) = 13 \cdot 17^{10} + 17^{11} + 2 \cdot 17^{12} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 3, 1) = 8 \cdot 17^{10} + 10 \cdot 17^{11} + 4 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 2) = 8 \cdot 17^{10} + 6 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 1) = 16 \cdot 17^{10} + 2 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 3) = 4 \cdot 17^{10} + 2 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 1) = 16 \cdot 17^{10} + 15 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 2) = 10 \cdot 17^{10} + 2 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 1) = 17^{10} + 9 \cdot 17^{11} + 12 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 5) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 4, 1) = 12 \cdot 17^{10} + 17^{11} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 2) = 17^{10} + 6 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 1) = 8 \cdot 17^{10} + 6 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 3) = 12 \cdot 17^{10} + 7 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 1) = 13 \cdot 17^{10} + 13 \cdot 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 2) = 15 \cdot 17^{10} + 13 \cdot 17^{11} + 7 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 17^{10} + 2 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 4) = 4 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 1) = 17^{10} + 2 \cdot 17^{11} + 15 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 2) = 6 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 1) = 14 \cdot 17^{10} + 9 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 3) = 5 \cdot 17^{10} + 5 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 17^{10} + 13 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 17^{10} + 5 \cdot 17^{11} + 8 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 9) = 10 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 8, 1) = 6 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 7, 2) = 5 \cdot 17^{10} + 5 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 7, 1, 1) = 5 \cdot 17^{10} + 3 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 6, 3) = 7 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 6, 2, 1) = 9 \cdot 17^{10} + 12 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 6, 1, 2) = 16 \cdot 17^{10} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 6, 1, 1, 1) = 9 \cdot 17^{10} + 13 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 5, 4) = 9 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 5, 3, 1) = 16 \cdot 17^{10} + 5 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 5, 2, 2) = 13 \cdot 17^{10} + 16 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 5, 2, 1, 1) = 12 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 5, 1, 3) = 7 \cdot 17^{10} + 4 \cdot 17^{11} + 16 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 5, 1, 2, 1) = 13 \cdot 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 5, 1, 1, 2) = 9 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 5, 1, 1, 1, 1) = 9 \cdot 17^{10} + 13 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 5) = 10 \cdot 17^{10} + 12 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 4, 1) = 12 \cdot 17^{10} + 11 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 3, 2) = 3 \cdot 17^{10} + 15 \cdot 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 3, 1, 1) = 15 \cdot 17^{10} + 12 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 2, 3) = 7 \cdot 17^{10} + 7 \cdot 17^{11} + 16 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 2, 2, 1) = 4 \cdot 17^{10} + 9 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 2, 1, 2) = 15 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 2, 1, 1, 1) = 14 \cdot 17^{10} + 17^{11} + 9 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 4) = 5 \cdot 17^{10} + 12 \cdot 17^{11} + 6 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 3, 1) = 4 \cdot 17^{11} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 2, 2) = 8 \cdot 17^{10} + 17^{11} + 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 2, 1, 1) = 10 \cdot 17^{10} + 3 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 3) = 7 \cdot 17^{10} + 6 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{15} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 2, 1) = 3 \cdot 17^{10} + 8 \cdot 17^{11} + 4 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 2) = 17^{10} + 5 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 1) = 4 \cdot 17^{10} + 9 \cdot 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 6) = 2 \cdot 17^{10} + 6 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 5, 1) = 8 \cdot 17^{10} + 8 \cdot 17^{11} + 12 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 4, 2) = 4 \cdot 17^{10} + 2 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 4, 1, 1) = 7 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 3, 3) = 11 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 3, 2, 1) = 13 \cdot 17^{10} + 9 \cdot 17^{11} + 2 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 3, 1, 2) = 8 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 3, 1, 1, 1) = 15 \cdot 17^{10} + 11 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 4) = 14 \cdot 17^{10} + 10 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 3, 1) = 2 \cdot 17^{10} + 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 2, 2) = 9 \cdot 17^{10} + 2 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 2, 1, 1) = 3 \cdot 17^{10} + 6 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 3) = 5 \cdot 17^{10} + 11 \cdot 17^{11} + 4 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 2, 1) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 2) = 2 \cdot 17^{10} + 15 \cdot 17^{11} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 1) = 5 \cdot 17^{10} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 5) = 3 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 4, 1) = 16 \cdot 17^{10} + 8 \cdot 17^{11} + 13 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 3, 2) = 4 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 3, 1, 1) = 3 \cdot 17^{10} + 7 \cdot 17^{11} + 14 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 3) = 2 \cdot 17^{10} + 8 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 2, 1) = 10 \cdot 17^{10} + 9 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 2) = 13 \cdot 17^{10} + 10 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 1) = 7 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 4) = 5 \cdot 17^{10} + 2 \cdot 17^{11} + 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 3, 1) = 10 \cdot 17^{10} + 4 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 2) = 8 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 1) = 14 \cdot 17^{10} + 9 \cdot 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 3) = 7 \cdot 17^{10} + 4 \cdot 17^{11} + 16 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 1) = 3 \cdot 17^{10} + 5 \cdot 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 2) = 4 \cdot 17^{10} + 16 \cdot 17^{11} + 6 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 1) = 12 \cdot 17^{10} + 9 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 7) = 11 \cdot 17^{10} + 4 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 6, 1) = 7 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 5, 2) = 12 \cdot 17^{10} + 7 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 5, 1, 1) = 16 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 4, 3) = 15 \cdot 17^{10} + 7 \cdot 17^{11} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 4, 2, 1) = 7 \cdot 17^{10} + 16 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 4, 1, 2) = 12 \cdot 17^{10} + 7 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 4, 1, 1, 1) = 8 \cdot 17^{10} + 14 \cdot 17^{11} + 5 \cdot 17^{12} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 4) = 10 \cdot 17^{10} + 13 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 3, 1) = 5 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 2, 2) = 8 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 2, 1, 1) = 17^{10} + 4 \cdot 17^{11} + 10 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 3) = 2 \cdot 17^{10} + 8 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 2, 1) = 4 \cdot 17^{10} + 13 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 2) = 9 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 1) = 10 \cdot 17^{10} + 8 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 5) = 12 \cdot 17^{10} + 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 4, 1) = 16 \cdot 17^{10} + 16 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 3, 2) = 5 \cdot 17^{10} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 3, 1, 1) = 7 \cdot 17^{10} + 3 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 3) = 16 \cdot 17^{10} + 11 \cdot 17^{11} + 2 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{15} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 2, 1) = 3 \cdot 17^{10} + 8 \cdot 17^{11} + 14 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 2) = 10 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 1) = 5 \cdot 17^{10} + 7 \cdot 17^{11} + 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 4) = 9 \cdot 17^{10} + 4 \cdot 17^{11} + 7 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 3, 1) = 8 \cdot 17^{10} + 7 \cdot 17^{11} + 14 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 2) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 1) = 12 \cdot 17^{10} + 6 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 3) = 7 \cdot 17^{10} + 7 \cdot 17^{11} + 16 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 1) = 16 \cdot 17^{10} + 7 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 2) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 1) = 8 \cdot 17^{10} + 12 \cdot 17^{11} + 14 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 6) = 2 \cdot 17^{10} + 4 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 5, 1) = 13 \cdot 17^{10} + 8 \cdot 17^{11} + 8 \cdot 17^{12} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 4, 2) = 17^{10} + 16 \cdot 17^{11} + 10 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 4, 1, 1) = 12 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 3) = 13 \cdot 17^{11} + 2 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 2, 1) = 17^{10} + 11 \cdot 17^{11} + 6 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 2) = 6 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 1) = 16 \cdot 17^{10} + 2 \cdot 17^{11} + 5 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 4) = 6 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 3, 1) = 9 \cdot 17^{10} + 15 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 2) = 13 \cdot 17^{10} + 10 \cdot 17^{11} + 14 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 1) = 2 \cdot 17^{10} + 6 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 3) = 11 \cdot 17^{10} + 5 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 1) = 17^{10} + 8 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 2) = 8 \cdot 17^{10} + 6 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 1) = 7 \cdot 17^{10} + 14 \cdot 17^{11} + 10 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 5) = 7 \cdot 17^{10} + 4 \cdot 17^{11} + 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 4, 1) = 17^{10} + 7 \cdot 17^{11} + 12 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 2) = 11 \cdot 17^{10} + 3 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 1) = 9 \cdot 17^{10} + 16 \cdot 17^{11} + 5 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 3) = 15 \cdot 17^{10} + 7 \cdot 17^{11} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 1) = 10 \cdot 17^{10} + 4 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 2) = 15 \cdot 17^{10} + 5 \cdot 17^{11} + 16 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 1) = 3 \cdot 17^{10} + 11 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{14} + 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 4) = 3 \cdot 17^{10} + 5 \cdot 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 1) = 7 \cdot 17^{11} + 9 \cdot 17^{12} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 2) = 6 \cdot 17^{10} + 13 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 1) = 7 \cdot 17^{10} + 14 \cdot 17^{11} + 10 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 3) = 7 \cdot 17^{10} + 15 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 1) = 11 \cdot 17^{10} + 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 2) = 11 \cdot 17^{10} + 7 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 8) = 6 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 7, 1) = 2 \cdot 17^{10} + 8 \cdot 17^{11} + 11 \cdot 17^{13} + 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 6, 2) = 4 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 6, 1, 1) = 12 \cdot 17^{10} + 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 5, 3) = 3 \cdot 17^{10} + 5 \cdot 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 5, 2, 1) = 6 \cdot 17^{10} + 12 \cdot 17^{13} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 5, 1, 2) = 15 \cdot 17^{10} + 10 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 5, 1, 1, 1) = 4 \cdot 17^{10} + 12 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 4) = 4 \cdot 17^{10} + 15 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 3, 1) = 9 \cdot 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 2, 2) = 6 \cdot 17^{10} + 14 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 2, 1, 1) = 12 \cdot 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 3) = 5 \cdot 17^{10} + 2 \cdot 17^{11} + 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 2, 1) = 17^{10} + 6 \cdot 17^{11} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 2) = 11 \cdot 17^{10} + 15 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 1) = 11 \cdot 17^{10} + 15 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 5) = 10 \cdot 17^{10} + 11 \cdot 17^{11} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 4, 1) = 14 \cdot 17^{10} + 2 \cdot 17^{11} + 4 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 3, 2) = 11 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 3, 1, 1) = 8 \cdot 17^{10} + 8 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 3) = 9 \cdot 17^{10} + 4 \cdot 17^{11} + 7 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 2, 1) = 3 \cdot 17^{10} + 6 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 2) = 15 \cdot 17^{10} + 6 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 1) = 4 \cdot 17^{10} + 12 \cdot 17^{11} + 2 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 4) = 13 \cdot 17^{10} + 4 \cdot 17^{12} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 3, 1) = 16 \cdot 17^{10} + 5 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 2) = 11 \cdot 17^{10} + 16 \cdot 17^{11} + 9 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 1) = 9 \cdot 17^{10} + 10 \cdot 17^{11} + 12 \cdot 17^{12} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 3) = 5 \cdot 17^{10} + 12 \cdot 17^{11} + 6 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 1) = 4 \cdot 17^{10} + 12 \cdot 17^{11} + 5 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 2) = 12 \cdot 17^{10} + 2 \cdot 17^{11} + 10 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 1) = 13 \cdot 17^{10} + 4 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 6) = 14 \cdot 17^{10} + 3 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 5, 1) = 16 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 4, 2) = 13 \cdot 17^{10} + 17^{11} + 2 \cdot 17^{12} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 4, 1, 1) = 4 \cdot 17^{10} + 10 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 3) = 6 \cdot 17^{10} + 6 \cdot 17^{11} + 10 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 2, 1) = 12 \cdot 17^{10} + 6 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 2) = 9 \cdot 17^{10} + 15 \cdot 17^{11} + 8 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 1) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 4) = 6 \cdot 17^{10} + 11 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 3, 1) = 8 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 2) = 6 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 1) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 3) = 14 \cdot 17^{10} + 10 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 1) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 2) = 7 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 1) = 16 \cdot 17^{10} + 14 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 5) = 9 \cdot 17^{10} + 3 \cdot 17^{11} + 16 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 4, 1) = 16 \cdot 17^{10} + 16 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 2) = 7 \cdot 17^{10} + 13 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 1) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 3) = 10 \cdot 17^{10} + 13 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 1) = 5 \cdot 17^{10} + 14 \cdot 17^{11} + 11 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 2) = 5 \cdot 17^{10} + 13 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 1) = 16 \cdot 17^{10} + 14 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 4) = 4 \cdot 17^{10} + 15 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 1) = 2 \cdot 17^{10} + 12 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 2) = 7 \cdot 17^{10} + 16 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 1) = 16 \cdot 17^{10} + 14 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 3) = 9 \cdot 17^{10} + 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 1) = 11 \cdot 17^{10} + 4 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 2) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 7) = 12 \cdot 17^{10} + 10 \cdot 17^{11} + 4 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 6, 1) = 4 \cdot 17^{10} + 17^{11} + 14 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 5, 2) = 9 \cdot 17^{10} + 7 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 5, 1, 1) = 8 \cdot 17^{10} + 6 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 3) = 7 \cdot 17^{10} + 4 \cdot 17^{11} + 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 2, 1) = 11 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 2) = 11 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 1) = 10 \cdot 17^{10} + 13 \cdot 17^{11} + 4 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 4) = 9 \cdot 17^{10} + 3 \cdot 17^{11} + 16 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 3, 1) = 2 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 2) = 6 \cdot 17^{10} + 12 \cdot 17^{11} + 16 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 1) = 6 \cdot 17^{10} + 9 \cdot 17^{11} + 2 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 3) = 3 \cdot 17^{10} + 6 \cdot 17^{11} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 1) = 10 \cdot 17^{10} + 5 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 2) = 4 \cdot 17^{10} + 11 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 1) = 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 5) = 15 \cdot 17^{10} + 9 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 4, 1) = 4 \cdot 17^{10} + 8 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 2) = 13 \cdot 17^{10} + 13 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 1) = 13 \cdot 17^{10} + 6 \cdot 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 3) = 12 \cdot 17^{10} + 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 1) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 2) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 3 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 17^{10} + 11 \cdot 17^{11} + 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 4) = 10 \cdot 17^{10} + 11 \cdot 17^{11} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 1) = 3 \cdot 17^{10} + 5 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 2) = 8 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 1) = 10 \cdot 17^{10} + 11 \cdot 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 3) = 10 \cdot 17^{10} + 12 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 1) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 2) = 17^{10} + 3 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
&\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 6) = 15 \cdot 17^{10} + 4 \cdot 17^{11} + 14 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 5, 1) = 4 \cdot 17^{10} + 17^{11} + 14 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 2) = 10 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 1) = 14 \cdot 17^{10} + 15 \cdot 17^{11} + 13 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 3) = 2 \cdot 17^{10} + 4 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 1) = 14 \cdot 17^{10} + 6 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 2) = 13 \cdot 17^{10} + 4 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1) = 4 \cdot 17^{10} + 12 \cdot 17^{11} + 5 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 4) = 14 \cdot 17^{10} + 3 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 1) = 14 \cdot 17^{10} + 14 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 2) = 17^{10} + 13 \cdot 17^{11} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 1) = 7 \cdot 17^{10} + 5 \cdot 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 3) = 2 \cdot 17^{10} + 6 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 2, 1) = 4 \cdot 17^{10} + 16 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 2) = 3 \cdot 17^{10} + 10 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
&\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 5) = 12 \cdot 17^{10} + 10 \cdot 17^{11} + 4 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 1) = 2 \cdot 17^{10} + 8 \cdot 17^{11} + 11 \cdot 17^{13} + 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 2) = 13 \cdot 17^{10} + 11 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 1) = 11 \cdot 17^{10} + 15 \cdot 17^{11} + 14 \cdot 17^{13} + 8 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 3) = 11 \cdot 17^{10} + 4 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 17^{10} + 4 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2) = 12 \cdot 17^{10} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
&\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 4) = 6 \cdot 17^{10} + 5 \cdot 17^{11} + 2 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 1) = 16 \cdot 17^{10} + 11 \cdot 17^{11} + 3 \cdot 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 2) = 6 \cdot 17^{10} + 11 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
&\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1) = O(17^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3) = 10 \cdot 17^{10} + 5 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1) = O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2) = O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \end{aligned}$$

**7.12. weight 11 case.**

$$\begin{aligned} \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(11) = 11 \cdot 17^{11} + 4 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(10, 1) = 2 \cdot 17^{11} + 6 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(9, 2) = 8 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(9, 1, 1) = 2 \cdot 17^{11} + 16 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(8, 3) = 5 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(8, 2, 1) = 6 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(8, 1, 2) = 5 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(8, 1, 1, 1) = 12 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(7, 4) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(7, 3, 1) = 10 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{18} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(7, 2, 2) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(7, 2, 1, 1) = 10 \cdot 17^{11} + 15 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(7, 1, 3) = 8 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(7, 1, 2, 1) = 10 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(7, 1, 1, 2) = 2 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(7, 1, 1, 1, 1) = 7 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(6, 5) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(6, 4, 1) = 16 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(6, 3, 2) = 4 \cdot 17^{11} + 5 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(6, 3, 1, 1) = 12 \cdot 17^{11} + 10 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(6, 2, 3) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(6, 2, 2, 1) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(6, 2, 1, 2) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(6, 2, 1, 1, 1) = 13 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(6, 1, 4) = 5 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(6, 1, 3, 1) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(6, 1, 2, 2) = 16 \cdot 17^{11} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(6, 1, 2, 1, 1) = 5 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(6, 1, 1, 3) = 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(6, 1, 1, 2, 1) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(6, 1, 1, 1, 2) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(6, 1, 1, 1, 1) = 13 \cdot 17^{11} + 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(5, 6) = 11 \cdot 17^{11} + 8 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(5, 5, 1) = 8 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(5, 4, 2) = 12 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(5, 4, 1, 1) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(5, 3, 3) = 11 \cdot 17^{11} + 9 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(5, 3, 2, 1) = 5 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(5, 3, 1, 2) = 10 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(5, 3, 1, 1, 1) = 14 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(5, 2, 4) = 11 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(5, 2, 3, 1) = 17^{11} + 3 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(5, 2, 2, 2) = 11 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(5, 2, 2, 1, 1) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(5, 2, 1, 3) = 8 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(5, 2, 1, 2, 1) = 12 \cdot 17^{11} + 11 \cdot 17^{12} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(5, 2, 1, 1, 2) = 2 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(5, 2, 1, 1, 1, 1) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(5, 1, 5) = 16 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(5, 1, 4, 1) = 7 \cdot 17^{11} + 15 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(5, 1, 3, 2) = 4 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(5, 1, 3, 1, 1) = 7 \cdot 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(5, 1, 2, 3) = 15 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(5, 1, 2, 2, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(5, 1, 2, 1, 2) = 17^{12} + 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(5, 1, 2, 1, 1, 1) = 9 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(5, 1, 1, 4) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(5, 1, 1, 3, 1) = 13 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(5, 1, 1, 2, 2) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(5, 1, 1, 2, 1, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(5, 1, 1, 1, 3) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(5, 1, 1, 1, 2, 1) = 13 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(5, 1, 1, 1, 2) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(5, 1, 1, 1, 1, 1) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(4, 7) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(4, 6, 1) = 16 \cdot 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 5, 2) = 9 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 5, 1, 1) = 6 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 4, 3) = 14 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 4, 2, 1) = 4 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 4, 1, 2) = 11 \cdot 17^{11} + 2 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 4, 1, 1, 1) = 2 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 3, 4) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 3, 3, 1) = 9 \cdot 17^{11} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 3, 2, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 3, 2, 1, 1) = 9 \cdot 17^{11} + 7 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 3, 1, 3) = 14 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 3, 1, 2, 1) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 3, 1, 1, 2) = 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 3, 1, 1, 1, 1) = 8 \cdot 17^{11} + 3 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 2, 5) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 2, 4, 1) = 6 \cdot 17^{11} + 17^{12} + 17^{13} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 2, 3, 2) = 15 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 2, 3, 1, 1) = 10 \cdot 17^{11} + 14 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 2, 2, 3) = 14 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 2, 2, 2, 1) = 8 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 2, 2, 1, 2) = 2 \cdot 17^{11} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 2, 2, 1, 1, 1) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 2, 1, 4) = 5 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 2, 1, 3, 1) = 5 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 2, 1, 2, 2) = 17^{11} + 16 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 2, 1, 2, 1, 1) = 2 \cdot 17^{11} + 16 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 2, 1, 1, 3) = 14 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 2, 1, 1, 2, 1) = 10 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 2, 1, 1, 1, 2) = 2 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 2, 1, 1, 1, 1, 1) = 7 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 6) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 5, 1) = 4 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 4, 2) = 12 \cdot 17^{11} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 4, 1, 1) = 11 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 3, 3) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 3, 2, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 3, 1, 2) = 13 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 3, 1, 1, 1) = 13 \cdot 17^{11} + 15 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 2, 4) = 10 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 2, 3, 1) = 4 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 2, 2, 2) = 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 2, 2, 1, 1) = 2 \cdot 17^{11} + 10 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 2, 1, 3) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 2, 1, 2, 1) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 2, 1, 1, 2) = 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 2, 1, 1, 1, 1) = 9 \cdot 17^{11} + 14 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 5) = 16 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 4, 1) = 4 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 3, 2) = 16 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 3, 1, 1) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 2, 3) = 12 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 2, 2, 1) = 6 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 2, 1, 2) = 8 \cdot 17^{11} + 15 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 2, 1, 1, 1) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 4) = 11 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 3, 1) = 4 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 2, 2) = 6 \cdot 17^{11} + 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 2, 1, 1) = 6 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 3) = 2 \cdot 17^{11} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 2, 1) = 9 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 2) = 2 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 1, 1) = 17^{11} + 16 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 8) = 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 7, 1) = 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 6, 2) = 14 \cdot 17^{11} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 6, 1, 1) = 5 \cdot 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 5, 3) = 14 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 5, 2, 1) = 6 \cdot 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 5, 1, 2) = 12 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 5, 1, 1, 1) = 7 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 4, 4) = 3 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 4, 3, 1) = 11 \cdot 17^{11} + 11 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 4, 2, 2) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 4, 2, 1, 1) = 12 \cdot 17^{11} + 11 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 4, 1, 3) = 11 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 4, 1, 2, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 4, 1, 1, 2) = 8 \cdot 17^{11} + 15 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 4, 1, 1, 1, 1) = 2 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 3, 5) = 14 \cdot 17^{11} + 4 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 3, 4, 1) = 14 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 3, 3, 2) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 3, 3, 1, 1) = 5 \cdot 17^{11} + 16 \cdot 17^{12} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 3, 2, 3) = 9 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 3, 2, 2, 1) = 16 \cdot 17^{11} + 14 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 3, 2, 1, 2) = 7 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 3, 2, 1, 1, 1) = 8 \cdot 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 3, 1, 4) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 3, 1, 3, 1) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 3, 1, 2, 2) = 6 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 3, 1, 2, 1, 1) = 4 \cdot 17^{11} + 2 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 3, 1, 1, 3) = 13 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 3, 1, 1, 2, 1) = 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 17^{16} + 2 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 3, 1, 1, 1, 2) = 17^{12} + 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 3, 1, 1, 1, 1, 1) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 6) = 7 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 5, 1) = 16 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 4, 2) = 6 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 4, 1, 1) = 15 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 3, 3) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 3, 2, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 3, 1, 2) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 3, 1, 1, 1) = 2 \cdot 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 2, 4) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 2, 3, 1) = 5 \cdot 17^{11} + 7 \cdot 17^{12} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 2, 2, 2) = 8 \cdot 17^{11} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 2, 2, 1, 1) = 5 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 2, 1, 3) = 5 \cdot 17^{11} + 2 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 2, 1, 2, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 2, 1, 1, 2) = 2 \cdot 17^{11} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 2, 1, 1, 1, 1) = 5 \cdot 17^{11} + 8 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 5) = 13 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 4, 1) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 3, 2) = 9 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 3, 1, 1) = 16 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 2, 3) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 2, 2, 1) = 14 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 2, 1, 2) = 7 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 2, 1, 1, 1) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 4) = 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 3, 1) = 16 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 2, 2) = 2 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 2, 1, 1) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 3) = 11 \cdot 17^{11} + 14 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 2, 1) = 12 \cdot 17^{11} + 16 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{16} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 2) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 1, 1) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 7) = 17^{11} + 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 6, 1) = 7 \cdot 17^{11} + 5 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 5, 2) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 5, 1, 1) = 8 \cdot 17^{11} + 10 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 4, 3) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 4, 2, 1) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 4, 1, 2) = 14 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 4, 1, 1) = 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 3, 4) = 16 \cdot 17^{11} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 3, 3, 1) = 2 \cdot 17^{11} + 2 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 3, 2, 2) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 3, 2, 1) = 7 \cdot 17^{11} + 16 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 3, 1, 3) = 6 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 3, 1, 2) = 9 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 3, 1, 1, 2) = 13 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 3, 1, 1, 1) = 17^{11} + 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 5) = 9 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 4, 1) = 14 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 3, 2) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 3, 1) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 2, 3) = 8 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 2, 2, 1) = 6 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 2, 1, 2) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 2, 1, 1) = 8 \cdot 17^{11} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 4) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 3, 1) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 2, 2) = 17^{11} + 9 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 2, 1) = 3 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 3) = 3 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 2, 1) = 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 2) = 10 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 1) = 16 \cdot 17^{11} + 5 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 6) = 4 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 5, 1) = 14 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 4, 2) = 7 \cdot 17^{11} + 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 4, 1) = 8 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 3, 3) = 2 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 3, 2, 1) = 11 \cdot 17^{11} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 3, 1, 2) = 14 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 3, 1, 1) = 11 \cdot 17^{11} + 9 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 4) = 15 \cdot 17^{11} + 11 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 3, 1) = 7 \cdot 17^{11} + 11 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 2, 2) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 2, 1, 1) = 17^{11} + 11 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 3) = 14 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 2, 1) = 9 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 2) = 11 \cdot 17^{11} + 2 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 1, 1) = 16 \cdot 17^{11} + 11 \cdot 17^{12} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 5) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 4, 1) = 16 \cdot 17^{11} + 11 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 3, 2) = 11 \cdot 17^{11} + 6 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 3, 1, 1) = 9 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 3) = 3 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 2, 1) = 4 \cdot 17^{11} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 2) = 12 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 17^{11} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 4) = 5 \cdot 17^{11} + 9 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 3, 1) = 13 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 2) = 10 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 1, 1) = 15 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 3) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 9) = 15 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 8, 1) = 16 \cdot 17^{11} + 14 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 7, 2) = 10 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 7, 1, 1) = 9 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 6, 3) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 6, 2, 1) = 14 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 6, 1, 2) = 10 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 6, 1, 1, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 5, 4) = 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 5, 3, 1) = 6 \cdot 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 5, 2, 2) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 5, 2, 1, 1) = 8 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 5, 1, 3) = 6 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 5, 1, 2, 1) = 2 \cdot 17^{11} + 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 5, 1, 1, 2) = 6 \cdot 17^{11} + 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 5, 1, 1, 1, 1) = 8 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 4, 5) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 4, 4, 1) = 17^{11} + 17^{12} + 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 4, 3, 2) = 12 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 4, 3, 1, 1) = 9 \cdot 17^{11} + 2 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 4, 2, 3) = 10 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 4, 2, 2, 1) = 12 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 4, 2, 1, 2) = 2 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 4, 2, 1, 1, 1) = 3 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 4, 1, 4) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 4, 1, 3, 1) = 14 \cdot 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 4, 1, 2, 2) = 9 \cdot 17^{11} + 12 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 4, 1, 2, 1, 1) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 4, 1, 1, 3) = 14 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 4, 1, 1, 2, 1) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 4, 1, 1, 1, 2) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 4, 1, 1, 1, 1, 1) = 5 \cdot 17^{11} + 16 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 6) = 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 5, 1) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 4, 2) = 2 \cdot 17^{11} + 13 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 4, 1, 1) = 3 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 3, 3) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 3, 2, 1) = 14 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 3, 1, 2) = 17^{11} + 9 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 3, 1, 1, 1) = 5 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 2, 4) = 7 \cdot 17^{11} + 3 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 2, 3, 1) = 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 2, 2, 2) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 2, 2, 1, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 2, 1, 3) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 2, 1, 2, 1) = 11 \cdot 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 2, 1, 1, 2) = 17^{11} + 16 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 2, 1, 1, 1, 1) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 5) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 4, 1) = 14 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 3, 2) = 7 \cdot 17^{11} + 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 3, 1, 1) = 9 \cdot 17^{11} + 17^{12} + 9 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 2, 3) = 5 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 2, 2, 1) = 10 \cdot 17^{11} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 2, 1, 2) = 6 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 2, 1, 1, 1) = 2 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 4) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 3, 1) = 14 \cdot 17^{12} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 2, 2) = 9 \cdot 17^{11} + 12 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 2, 1, 1) = 5 \cdot 17^{11} + 9 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 3) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 2, 1) = 7 \cdot 17^{11} + 12 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 2) = 16 \cdot 17^{11} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 1, 1) = 5 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 7) = 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 6, 1) = 12 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 5, 2) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 5, 1, 1) = 4 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 4, 3) = 7 \cdot 17^{11} + 7 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 4, 2, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 4, 1, 2) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 4, 1, 1, 1) = 13 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 3, 4) = 6 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 3, 3, 1) = 14 \cdot 17^{11} + 16 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 3, 2, 2) = 14 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 3, 2, 1, 1) = 2 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 3, 1, 3) = 8 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 3, 1, 2, 1) = 16 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 3, 1, 1, 2) = 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 3, 1, 1, 1, 1) = 9 \cdot 17^{11} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 5) = 5 \cdot 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 4, 1) = 9 \cdot 17^{11} + 9 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 3, 2) = 4 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 3, 1, 1) = 7 \cdot 17^{11} + 15 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 2, 2, 3) = 7 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{16} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 2, 2, 1) = 12 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{15} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 2, 1, 2) = 8 \cdot 17^{11} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 2, 1, 1, 1) = 10 \cdot 17^{11} + 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 4) = 4 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 1, 3, 1) = 13 \cdot 17^{11} + 5 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 2, 2) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 2, 1, 1) = 4 \cdot 17^{11} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 3) = 16 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 2, 1) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 2) = 11 \cdot 17^{11} + 16 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 1, 1) = 5 \cdot 17^{11} + 4 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 6) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 5, 1) = 3 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{16} + 11 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 4, 2) = 13 \cdot 17^{11} + 13 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 4, 1, 1) = 10 \cdot 17^{11} + 14 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 3, 3) = 7 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 3, 2, 1) = 16 \cdot 17^{11} + 11 \cdot 17^{12} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 3, 1, 2) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 3, 1, 1, 1) = 7 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 4) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 3, 1) = 2 \cdot 17^{11} + 10 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 2, 2) = 14 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 2, 1, 1) = 2 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 3) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 2, 1) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 5) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 4, 1) = 14 \cdot 17^{11} + 13 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 3, 2) = 3 \cdot 17^{11} + 8 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 3, 1, 1) = 8 \cdot 17^{11} + 16 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 3) = 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 2, 1) = 13 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 2) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 1, 1) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 4) = 4 \cdot 17^{11} + 16 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 3, 1) = 10 \cdot 17^{11} + 2 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 2) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 1, 1) = 12 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 3) = 5 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 2, 1) = 10 \cdot 17^{11} + 5 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 2) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 14 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 8) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 7, 1) = 13 \cdot 17^{11} + 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 6, 2) = 9 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 6, 1, 1) = 9 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 5, 3) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 5, 2, 1) = 12 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 5, 1, 2) = 11 \cdot 17^{11} + 6 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 5, 1, 1, 1) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 4, 4) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 4, 3, 1) = 15 \cdot 17^{11} + 2 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 4, 2, 2) = 3 \cdot 17^{11} + 8 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 4, 2, 1, 1) = 13 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 4, 1, 3) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 4, 1, 2, 1) = 17^{11} + 15 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 4, 1, 1, 2) = 16 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 4, 1, 1, 1, 1) = 6 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 5) = 15 \cdot 17^{11} + 13 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 4, 1) = 9 \cdot 17^{11} + 11 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 3, 2) = 17^{11} + 14 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 3, 1, 1) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 2, 3) = 3 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 2, 2, 1) = 13 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 2, 1, 2) = 9 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 2, 1, 1, 1) = 16 \cdot 17^{11} + 3 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 4) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 3, 1) = 15 \cdot 17^{11} + 5 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 2, 2) = 7 \cdot 17^{11} + 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 2, 1, 1) = 3 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 3) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 2, 1) = 9 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 2) = 4 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 1, 1) = 7 \cdot 17^{11} + 13 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 6) = 10 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 5, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 4, 2) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 4, 1, 1) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 3, 3) = 7 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 3, 2, 1) = 16 \cdot 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 3, 1, 2) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 3, 1, 1, 1) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 2, 4) = 10 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 3, 1) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 2, 2) = 4 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 2, 1, 1) = 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 3) = 3 \cdot 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 2, 1) = 16 \cdot 17^{11} + 3 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 2) = 15 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 1, 1) = 4 \cdot 17^{11} + 14 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 5) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 4, 1) = 16 \cdot 17^{11} + 12 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 3, 2) = 17^{11} + 14 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 3, 1, 1) = 8 \cdot 17^{11} + 7 \cdot 17^{12} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 3) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 2, 1) = 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 2) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 1, 1) = 10 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 4) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 3, 1) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 2) = 12 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 1, 1) = 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 3) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 2, 1) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 17^{11} + 5 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 7) = 6 \cdot 17^{11} + 13 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 6, 1) = 2 \cdot 17^{11} + 12 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 5, 2) = 10 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 5, 1, 1) = 9 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 4, 3) = 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 4, 2, 1) = 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 4, 1, 2) = 7 \cdot 17^{11} + 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 4, 1, 1, 1) = 6 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 4) = 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 3, 1) = 3 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 2, 2) = 13 \cdot 17^{11} + 13 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 2, 1, 1) = 15 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 3) = 6 \cdot 17^{11} + 16 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 2, 1) = 15 \cdot 17^{11} + 16 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 2) = 12 \cdot 17^{11} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 1, 1) = 7 \cdot 17^{11} + 13 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 5) = 7 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 4, 1) = 3 \cdot 17^{11} + 10 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 3, 2) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 3, 1, 1) = 10 \cdot 17^{11} + 9 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 3) = 15 \cdot 17^{11} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 2, 1) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 2) = 6 \cdot 17^{11} + 9 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 1, 1) = 13 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 4) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 3, 1) = 11 \cdot 17^{11} + 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 2) = 2 \cdot 17^{11} + 13 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 1, 1) = 15 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 3) = 6 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 2, 1) = 7 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 2) = 12 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 16 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 6) = 2 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 5, 1) = 10 \cdot 17^{11} + 3 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 4, 2) = 10 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 4, 1, 1) = 17^{11} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 3) = 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 2, 1) = 5 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 2) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 1, 1) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 4) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 3, 1) = 2 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 2) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 1, 1) = 17^{11} + 13 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 3) = 8 \cdot 17^{11} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{17} + 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 2, 1) = 11 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 2) = 9 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 5) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 4, 1) = 17^{11} + 15 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 2) = 9 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 3) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 2) = 14 \cdot 17^{11} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 4) = 12 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 1) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 17^{13} + 17^{14} + 7 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 2) = 10 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 3) = 10 \cdot 17^{11} + 14 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 2, 1) = 11 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 2) = 8 \cdot 17^{11} + 6 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 10) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 9, 1) = 3 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 8, 2) = 10 \cdot 17^{11} + 14 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 8, 1, 1) = 2 \cdot 17^{11} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 7, 3) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 7, 2, 1) = 5 \cdot 17^{11} + 14 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 7, 1, 2) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 7, 1, 1, 1) = 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 6, 4) = 2 \cdot 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 6, 3, 1) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 6, 2, 2) = 5 \cdot 17^{11} + 10 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 6, 2, 1, 1) = 6 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 6, 1, 3) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 6, 1, 2, 1) = 16 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 6, 1, 1, 2) = 2 \cdot 17^{11} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 6, 1, 1, 1, 1) = 16 \cdot 17^{11} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 5, 5) = 4 \cdot 17^{11} + 12 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 5, 4, 1) = 2 \cdot 17^{11} + 12 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 5, 3, 2) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 5, 3, 1, 1) = 5 \cdot 17^{11} + 4 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 5, 2, 3) = 14 \cdot 17^{11} + 14 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 5, 2, 2, 1) = 9 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 5, 2, 1, 2) = 11 \cdot 17^{11} + 14 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 5, 2, 1, 1, 1) = 15 \cdot 17^{11} + 12 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 5, 1, 4) = 11 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 5, 1, 3, 1) = 13 \cdot 17^{11} + 5 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 5, 1, 2, 2) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 5, 1, 2, 1, 1) = 7 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 5, 1, 1, 3) = 8 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 5, 1, 1, 2, 1) = 5 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 5, 1, 1, 1, 2) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 5, 1, 1, 1, 1) = 9 \cdot 17^{11} + 15 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 6) = 7 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 5, 1) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 4, 2) = 6 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 4, 1, 1) = 10 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 3, 3) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 3, 2, 1) = 2 \cdot 17^{11} + 14 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 3, 1, 2) = 3 \cdot 17^{11} + 15 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 3, 1, 1) = 4 \cdot 17^{11} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{16} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 2, 4) = 15 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 2, 3, 1) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 2, 2, 2) = 16 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 2, 2, 1) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 2, 1, 3) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 2, 1, 2, 1) = 17^{11} + 3 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 2, 1, 1, 2) = 14 \cdot 17^{11} + 12 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 2, 1, 1, 1) = 8 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 5) = 13 \cdot 17^{11} + 13 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 4, 1) = 9 \cdot 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 3, 2) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 3, 1) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 2, 3) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 2, 2, 1) = 9 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 2, 1, 2) = 13 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 2, 1, 1) = 2 \cdot 17^{11} + 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 4) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 3, 1) = 16 \cdot 17^{11} + 9 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 2, 2) = 14 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 2, 1) = 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 3) = 8 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 2, 1) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 2) = 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 1, 1) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 7) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 6, 1) = 17^{11} + 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 5, 2) = 8 \cdot 17^{11} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{17} + 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 5, 1, 1) = 6 \cdot 17^{11} + 15 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 4, 3) = 11 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 4, 2, 1) = 9 \cdot 17^{11} + 13 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 4, 1, 2) = 14 \cdot 17^{11} + 10 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 4, 1, 1, 1) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 3, 4) = 3 \cdot 17^{11} + 16 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 3, 3, 1) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 3, 2, 2) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 3, 2, 1, 1) = 16 \cdot 17^{11} + 14 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 3, 1, 3) = 3 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 3, 1, 2, 1) = 3 \cdot 17^{11} + 12 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 3, 1, 1, 2) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 3, 1, 1, 1, 1) = 9 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 5) = 16 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 4, 1) = 12 \cdot 17^{11} + 10 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 3, 2) = 3 \cdot 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 3, 1, 1) = 6 \cdot 17^{11} + 11 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 2, 3) = 3 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 2, 2, 1) = 3 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 17^{15} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 2, 1, 2) = 5 \cdot 17^{11} + 2 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 2, 1, 1, 1) = 9 \cdot 17^{11} + 16 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 4) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{13} + 17^{14} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 3, 1) = 13 \cdot 17^{11} + 13 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 2, 2) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 2, 1, 1) = 15 \cdot 17^{11} + 2 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 3) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 2, 1) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 2) = 8 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 1) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 6) = 17^{11} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 5, 1) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 4, 2) = 6 \cdot 17^{11} + 16 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 4, 1, 1) = 2 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 3, 3) = 7 \cdot 17^{11} + 13 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 3, 2, 1) = 16 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 3, 1, 2) = 6 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 3, 1, 1, 1) = 8 \cdot 17^{11} + 9 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 4) = 6 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 3, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 2, 2) = 8 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 2, 1, 1) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 3) = 3 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 2, 1) = 14 \cdot 17^{11} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 2) = 14 \cdot 17^{11} + 10 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 1, 1) = 14 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 5) = 2 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 4, 1) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 3, 2) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 3, 1, 1) = 13 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 3) = 10 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 2, 1) = 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 2) = 11 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 1, 1) = 16 \cdot 17^{11} + 10 \cdot 17^{12} + 17^{14} + 6 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 4) = 13 \cdot 17^{11} + 12 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 3, 1) = 3 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 2) = 6 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 1, 1) = 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 3) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 2, 1) = 14 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 2) = 8 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 8) = 7 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 7, 1) = 8 \cdot 17^{11} + 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 6, 2) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 6, 1, 1) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 5, 3) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 5, 2, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 5, 1, 2) = 3 \cdot 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 5, 1, 1, 1) = 13 \cdot 17^{11} + 15 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 4, 4) = 3 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 4, 3, 1) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 4, 2, 2) = 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 4, 2, 1, 1) = 8 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 4, 1, 3) = 10 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 4, 1, 2, 1) = 17^{11} + 16 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 4, 1, 1, 2) = 12 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 4, 1, 1, 1, 1) = 14 \cdot 17^{11} + 2 \cdot 17^{13} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 5) = 6 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 4, 1) = 13 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 3, 2) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 3, 1, 1) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 2, 3) = 6 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 2, 2, 1) = 9 \cdot 17^{11} + 11 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 2, 1, 2) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 2, 1, 1, 1) = 6 \cdot 17^{11} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 4) = 17^{11} + 4 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 3, 1) = 7 \cdot 17^{11} + 13 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 2, 2) = 5 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 2, 1, 1) = 10 \cdot 17^{11} + 3 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 3) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 2, 1) = 6 \cdot 17^{11} + 8 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 2) = 15 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 1, 1) = 17^{11} + 11 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 6) = 7 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 5, 1) = 10 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 4, 2) = 15 \cdot 17^{11} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 4, 1, 1) = 11 \cdot 17^{11} + 14 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 3, 3) = 3 \cdot 17^{11} + 6 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 3, 2, 1) = 12 \cdot 17^{11} + 16 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 3, 1, 2) = 8 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 3, 1, 1, 1) = 15 \cdot 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 4) = 6 \cdot 17^{11} + 12 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 3, 1) = 2 \cdot 17^{11} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 2, 2) = 7 \cdot 17^{11} + 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{16} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 2, 1, 1) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 3) = 3 \cdot 17^{11} + 12 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 2, 1) = 10 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 2) = 14 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 1, 1) = 12 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 5) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 4, 1) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 3, 2) = 3 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 3, 1, 1) = 11 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 3) = 6 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 2, 1) = 16 \cdot 17^{11} + 5 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 2) = 9 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 1, 1) = 6 \cdot 17^{11} + 9 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 4) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 3 \cdot 17^{14} + 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 3, 1) = 16 \cdot 17^{11} + 10 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 2) = 10 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 1, 1) = 9 \cdot 17^{11} + 2 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 3) = 14 \cdot 17^{11} + 14 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 2, 1) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 2) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 7) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 6, 1) = 5 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 5, 2) = 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 5, 1, 1) = 8 \cdot 17^{11} + 16 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 4, 3) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 4, 2, 1) = 4 \cdot 17^{11} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 4, 1, 2) = 2 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 4, 1, 1, 1) = 2 \cdot 17^{11} + 11 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 4) = 5 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 3, 1) = 6 \cdot 17^{11} + 3 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 2, 2) = 7 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 2, 1, 1) = 17^{11} + 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 3) = 7 \cdot 17^{11} + 13 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 2, 1) = 4 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 2) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 1, 1) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 5) = 10 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 4, 1) = 6 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 3, 2) = 7 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 3, 1, 1) = 10 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 3) = 3 \cdot 17^{11} + 6 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 2, 1) = 14 \cdot 17^{11} + 12 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 2) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 1, 1) = 15 \cdot 17^{11} + 15 \cdot 17^{12} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 4) = 11 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 3, 1) = 4 \cdot 17^{11} + 3 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 2) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 1, 1) = 10 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 3) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 2, 1) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 2) = 11 \cdot 17^{11} + 9 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 9 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 6) = 10 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 5, 1) = 10 \cdot 17^{11} + 8 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 4, 2) = 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 4, 1, 1) = 2 \cdot 17^{11} + 2 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 3) = 2 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 2, 1) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 17^{16} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 2) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 1) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 4) = 3 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 3, 1) = 14 \cdot 17^{11} + 7 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 2) = 7 \cdot 17^{11} + 7 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 1, 1) = 6 \cdot 17^{11} + 14 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 3) = 11 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 2, 1) = 12 \cdot 17^{11} + 15 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 2) = 14 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 17^{11} + 4 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 5) = 8 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 4, 1) = 10 \cdot 17^{11} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 2) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 1, 1) = 4 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 3) = 4 \cdot 17^{11} + 2 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 2, 1) = 12 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 2) = 14 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 12 \cdot 17^{11} + 7 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 4) = 7 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 3, 1) = 2 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 2) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 17^{11} + 4 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 3) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 17^{11} + 7 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 9) = 6 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 8, 1) = 9 \cdot 17^{11} + 12 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 7, 2) = 12 \cdot 17^{11} + 10 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 7, 1, 1) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 6, 3) = 7 \cdot 17^{11} + 9 \cdot 17^{12} + 6 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 6, 2, 1) = 7 \cdot 17^{11} + 11 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 6, 1, 2) = 5 \cdot 17^{11} + 9 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 6, 1, 1, 1) = 16 \cdot 17^{11} + 15 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 5, 4) = 7 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 5, 3, 1) = 15 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 5, 2, 2) = 4 \cdot 17^{11} + 16 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 5, 2, 1, 1) = 12 \cdot 17^{11} + 11 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 5, 1, 3) = 13 \cdot 17^{11} + 12 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 5, 1, 2, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 5, 1, 1, 2) = 11 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 5, 1, 1, 1, 1) = 3 \cdot 17^{11} + 2 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 5) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 4, 1) = 14 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 3, 2) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 3, 1, 1) = 5 \cdot 17^{11} + 9 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 2, 3) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 3 \cdot 17^{14} + 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 2, 2, 1) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 2, 1, 2) = 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 2, 1, 1, 1) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 4) = 3 \cdot 17^{11} + 17^{12} + 11 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 3, 1) = 17^{11} + 3 \cdot 17^{12} + 7 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 2, 2) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 2, 1, 1) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 3) = 8 \cdot 17^{11} + 11 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 2, 1) = 4 \cdot 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 2) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 1, 1) = 14 \cdot 17^{11} + 4 \cdot 17^{12} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 6) = 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 5, 1) = 5 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 4, 2) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 4, 1, 1) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 16 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 3, 3) = 11 \cdot 17^{11} + 14 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 3, 2, 1) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 3, 1, 2) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 3, 1, 1, 1) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 4) = 3 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 3, 1) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 2, 2) = 4 \cdot 17^{11} + 8 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 2, 1, 1) = 15 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 3) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 17^{13} + 17^{14} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 2, 1) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 2) = 5 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 1, 1) = 15 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 5) = 16 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 4, 1) = 12 \cdot 17^{11} + 11 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 3, 2) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 3, 1, 1) = 17^{11} + 3 \cdot 17^{12} + 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 3) = 17^{11} + 4 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 2, 1) = 13 \cdot 17^{11} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 2) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 1, 1) = 3 \cdot 17^{11} + 8 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 4) = 3 \cdot 17^{11} + 17^{12} + 11 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 3, 1) = 10 \cdot 17^{11} + 2 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 2) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 1, 1) = 8 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 3) = 11 \cdot 17^{11} + 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 2) = 5 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 7) = 9 \cdot 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 6, 1) = 8 \cdot 17^{11} + 3 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 5, 2) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 5, 1, 1) = 5 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 4, 3) = 3 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 4, 2, 1) = 7 \cdot 17^{11} + 5 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 4, 1, 2) = 15 \cdot 17^{11} + 11 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 4, 1, 1, 1) = 7 \cdot 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 4) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 3, 1) = 13 \cdot 17^{11} + 13 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 2, 2) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 2, 1, 1) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 3) = 6 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 2, 1) = 4 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 2) = 10 \cdot 17^{11} + 15 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 1) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 5) = 14 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 4, 1) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 3, 2) = 10 \cdot 17^{11} + 9 \cdot 17^{12} + 7 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 3, 1, 1) = 17^{11} + 16 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 3) = 6 \cdot 17^{11} + 12 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 2, 1) = 5 \cdot 17^{11} + 3 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 2) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 1, 1) = 4 \cdot 17^{11} + 13 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 4) = 3 \cdot 17^{11} + 5 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 3, 1) = 14 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 2) = 7 \cdot 17^{11} + 3 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 1, 1) = 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 3) = 15 \cdot 17^{11} + 13 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 2, 1) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 2) = 11 \cdot 17^{11} + 15 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 6) = 5 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 5, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 4, 2) = 3 \cdot 17^{11} + 15 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 4, 1, 1) = 15 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 3) = 5 \cdot 17^{11} + 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 2, 1) = 10 \cdot 17^{11} + 12 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 2) = 16 \cdot 17^{11} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 1, 1) = 6 \cdot 17^{11} + 6 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 4) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 3, 1) = 6 \cdot 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 2) = 6 \cdot 17^{11} + 4 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 1, 1) = 12 \cdot 17^{11} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 3) = 3 \cdot 17^{11} + 16 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 2, 1) = 4 \cdot 17^{11} + 4 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 2) = 11 \cdot 17^{11} + 10 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 16 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 5) = 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 4, 1) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 2) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 1, 1) = 9 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 3) = 3 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 2, 1) = 6 \cdot 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 2) = 3 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 14 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 4) = 7 \cdot 17^{11} + 9 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 3, 1) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 2) = 17^{11} + 12 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 12 \cdot 17^{11} + 7 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 3) = 2 \cdot 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 9 \cdot 17^{11} + 5 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 16 \cdot 17^{11} + 7 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{16} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 8) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 7, 1) = 10 \cdot 17^{11} + 5 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 6, 2) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 6, 1, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 5, 3) = 8 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 5, 2, 1) = 2 \cdot 17^{11} + 13 \cdot 17^{12} + 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 5, 1, 2) = 9 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 5, 1, 1, 1) = 3 \cdot 17^{11} + 2 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 4) = 17^{11} + 11 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 3, 1) = 11 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 2, 2) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 2, 1, 1) = 10 \cdot 17^{11} + 12 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 3) = 2 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 2, 1) = 12 \cdot 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 2) = 16 \cdot 17^{11} + 8 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 1, 1) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 5) = 12 \cdot 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 4, 1) = 4 \cdot 17^{11} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 3, 2) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 3, 1, 1) = 14 \cdot 17^{11} + 7 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 3) = 3 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 2, 1) = 3 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 2) = 13 \cdot 17^{11} + 16 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 1, 1) = 8 \cdot 17^{11} + 6 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 4) = 16 \cdot 17^{11} + 8 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 3, 1) = 15 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 2) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 1, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 3) = 13 \cdot 17^{11} + 13 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 2, 1) = 12 \cdot 17^{11} + 2 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 2) = 16 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 7 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 6) = 15 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 5, 1) = 6 \cdot 17^{11} + 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 4, 2) = 7 \cdot 17^{11} + 6 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 4, 1, 1) = 14 \cdot 17^{11} + 11 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 3) = 10 \cdot 17^{11} + 2 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 2, 1) = 16 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 2) = 9 \cdot 17^{11} + 13 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 1, 1) = 10 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 4) = 14 \cdot 17^{11} + 5 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 3, 1) = 17^{11} + 9 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 2) = 5 \cdot 17^{11} + 11 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 1, 1) = 16 \cdot 17^{11} + 9 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 3) = 16 \cdot 17^{11} + 16 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 2, 1) = 9 \cdot 17^{11} + 14 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 2) = 10 \cdot 17^{11} + 7 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 15 \cdot 17^{11} + 3 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 5) = 12 \cdot 17^{11} + 2 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 4, 1) = 7 \cdot 17^{11} + 3 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 2) = 15 \cdot 17^{11} + 13 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 1, 1) = 7 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 3) = 6 \cdot 17^{11} + 13 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 2, 1) = 13 \cdot 17^{11} + 11 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 2) = 14 \cdot 17^{11} + 4 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 16 \cdot 17^{11} + 5 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 4) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 3, 1) = 4 \cdot 17^{11} + 7 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 2) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 3 \cdot 17^{11} + 4 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 3) = 4 \cdot 17^{11} + 12 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 7) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 6, 1) = 15 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 5, 2) = 2 \cdot 17^{11} + 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 5, 1, 1) = 11 \cdot 17^{11} + 12 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{16} + 7 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 3) = 10 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 2, 1) = 17^{11} + 5 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 2) = 4 \cdot 17^{11} + 3 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 1, 1) = 14 \cdot 17^{11} + 4 \cdot 17^{12} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 4) = 5 \cdot 17^{11} + 2 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 3, 1) = 8 \cdot 17^{11} + 6 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 2) = 13 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 1, 1) = 9 \cdot 17^{11} + 12 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 3) = 17^{11} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 2, 1) = 8 \cdot 17^{11} + 10 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1, 2) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 7 \cdot 17^{11} + 6 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 5) = 15 \cdot 17^{11} + 5 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 4, 1) = 12 \cdot 17^{11} + 14 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 2) = 10 \cdot 17^{11} + 2 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 1, 1) = 5 \cdot 17^{11} + 15 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 3) = 7 \cdot 17^{11} + 14 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 2, 1) = 12 \cdot 17^{11} + 12 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 1, 2) = 7 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 17^{11} + 8 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 4) = 17^{11} + 11 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 3, 1) = 16 \cdot 17^{11} + 5 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 2, 2) = 17^{11} + 3 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 9 \cdot 17^{11} + 7 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 3) = 7 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 16 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 11 \cdot 17^{11} + 8 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 16 \cdot 17^{11} + 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 6) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 5, 1) = 7 \cdot 17^{11} + 8 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 2) = 6 \cdot 17^{11} + 13 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 17^{11} + 7 \cdot 17^{12} + 12 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 3) = 12 \cdot 17^{11} + 3 \cdot 17^{12} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 2, 1) = 15 \cdot 17^{11} + 12 \cdot 17^{12} + 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 2) = 17^{11} + 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 17^{11} + 5 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 4) = 9 \cdot 17^{11} + 16 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 3, 1) = 8 \cdot 17^{11} + 13 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 2) = 17^{11} + 9 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 13 \cdot 17^{11} + 4 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 3) = 5 \cdot 17^{11} + 6 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 6 \cdot 17^{11} + 5 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 7 \cdot 17^{11} + 4 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 15 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 5) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 4, 1) = 17^{11} + 16 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 2) = 12 \cdot 17^{11} + 8 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 10 \cdot 17^{11} + 6 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 3) = 7 \cdot 17^{11} + 14 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 14 \cdot 17^{11} + 6 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1, 2) = 17^{11} + 7 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 17^{11} + 3 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{16} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 4) = 6 \cdot 17^{11} + 16 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 3, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2, 2) = 15 \cdot 17^{11} + 5 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 17^{11} + 5 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 3) = 4 \cdot 17^{11} + 6 \cdot 17^{12} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 9 \cdot 17^{11} + 4 \cdot 17^{12} + 16 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 17^{11} + 4 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \end{aligned}$$

**7.13. weight 12 case.**

$$\begin{aligned} \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(12) = O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(11, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(10, 2) = 8 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(10, 1, 1) = 14 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(9, 3) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(9, 2, 1) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(9, 1, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(9, 1, 1, 1) = 4 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(8, 4) = 10 \cdot 17^{12} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(8, 3, 1) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(8, 2, 2) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(8, 2, 1, 1) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(8, 1, 3) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(8, 1, 2, 1) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(8, 1, 1, 2) = 14 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(8, 1, 1, 1, 1) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(7, 5) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(7, 4, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(7, 3, 2) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(7, 3, 1, 1) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(7, 2, 3) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{15} + 17^{16} + 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\ \zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(7, 2, 2, 1) = 11 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(7, 2, 1, 2) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(7, 2, 1, 1, 1) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(7, 1, 4) = 5 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(7, 1, 3, 1) = 12 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(7, 1, 2, 2) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(7, 1, 2, 1, 1) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(7, 1, 1, 3) = 12 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(7, 1, 1, 2, 1) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(7, 1, 1, 1, 2) = 17^{12} + 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(7, 1, 1, 1, 1, 1) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
&\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) = \zeta_{17}(6, 6) = O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(6, 5, 1) = 14 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(6, 4, 2) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(6, 4, 1, 1) = 9 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(6, 3, 3) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(6, 3, 2, 1) = 11 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(6, 3, 1, 2) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(6, 3, 1, 1, 1) = 17^{12} + 7 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(6, 2, 4) = 2 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(6, 2, 3, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(6, 2, 2, 2) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(6, 2, 2, 1, 1) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(6, 2, 1, 3) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(6, 2, 1, 2, 1) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(6, 2, 1, 1, 2) = 3 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(6, 2, 1, 1, 1, 1) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(6, 1, 5) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(6, 1, 4, 1) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(6, 1, 3, 2) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(6, 1, 3, 1, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(6, 1, 2, 3) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(6, 1, 2, 2, 1) = 8 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(6, 1, 2, 1, 2) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(6, 1, 2, 1, 1, 1) = 8 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(6, 1, 1, 4) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(6, 1, 1, 3, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(6, 1, 1, 2, 2) = 7 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(6, 1, 1, 2, 1, 1) = 10 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(6, 1, 1, 1, 3) = 15 \cdot 17^{12} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(6, 1, 1, 1, 2, 1) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(6, 1, 1, 1, 1, 2) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(6, 1, 1, 1, 1, 1, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(5, 7) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(5, 6, 1) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(5, 5, 2) = 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(5, 5, 1, 1) = 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(5, 4, 3) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(5, 4, 2, 1) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(5, 4, 1, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(5, 4, 1, 1, 1) = 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(5, 3, 4) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(5, 3, 3, 1) = 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(5, 3, 2, 2) = 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(5, 3, 2, 1, 1) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(5, 3, 1, 3) = 6 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(5, 3, 1, 2, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{15} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(5, 3, 1, 1, 2) = 16 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(5, 3, 1, 1, 1, 1) = 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(5, 2, 5) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(5, 2, 4, 1) = 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(5, 2, 3, 2) = 4 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(5, 2, 3, 1, 1) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(5, 2, 2, 3) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(5, 2, 2, 2, 1) = 11 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(5, 2, 2, 1, 2) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(5, 2, 2, 1, 1, 1) = 5 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(5, 2, 1, 4) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(5, 2, 1, 3, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(5, 2, 1, 2, 2) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(5, 2, 1, 2, 1, 1) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(5, 2, 1, 1, 3) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{15} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(5, 2, 1, 1, 2, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(5, 2, 1, 1, 1, 2) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(5, 2, 1, 1, 1, 1) = 15 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(5, 1, 6) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(5, 1, 5, 1) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(5, 1, 4, 2) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(5, 1, 4, 1, 1) = 2 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(5, 1, 3, 3) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(5, 1, 3, 2, 1) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(5, 1, 3, 1, 2) = 5 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(5, 1, 3, 1, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(5, 1, 2, 4) = 2 \cdot 17^{12} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(5, 1, 2, 3, 1) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(5, 1, 2, 2, 2) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(5, 1, 2, 2, 1) = 8 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(5, 1, 2, 1, 3) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(5, 1, 2, 1, 2, 1) = 6 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(5, 1, 2, 1, 1, 2) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(5, 1, 2, 1, 1, 1) = 11 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(5, 1, 1, 5) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(5, 1, 1, 4, 1) = 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(5, 1, 1, 3, 2) = 7 \cdot 17^{12} + 14 \cdot 17^{14} + 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(5, 1, 1, 3, 1, 1) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(5, 1, 1, 2, 3) = 4 \cdot 17^{12} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(5, 1, 1, 2, 2, 1) = 10 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(5, 1, 1, 2, 1, 2) = 8 \cdot 17^{12} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(5, 1, 1, 2, 1, 1, 1) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(5, 1, 1, 1, 4) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(5, 1, 1, 1, 3, 1) = 6 \cdot 17^{12} + 16 \cdot 17^{13} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(5, 1, 1, 1, 2, 2) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(5, 1, 1, 1, 2, 1, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{14} + 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(5, 1, 1, 1, 3) = 12 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(5, 1, 1, 1, 2, 1) = 2 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(5, 1, 1, 1, 1, 2) = 17^{12} + 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(5, 1, 1, 1, 1, 1, 1) = 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(4, 8) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(4, 7, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 6, 2) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 6, 1, 1) = 12 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 5, 3) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 5, 2, 1) = 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 5, 1, 2) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 5, 1, 1, 1) = 12 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 4, 4) = O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 4, 3, 1) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 4, 2, 2) = 7 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 4, 2, 1, 1) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 4, 1, 3) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 4, 1, 2, 1) = 9 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 4, 1, 1, 2) = 14 \cdot 17^{12} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 4, 1, 1, 1, 1) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{15} + 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 3, 5) = 4 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 3, 4, 1) = 4 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 3, 3, 2) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 3, 3, 1, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 3, 2, 3) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 3, 2, 2, 1) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 3, 2, 1, 2) = 13 \cdot 17^{12} + 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 3, 2, 1, 1, 1) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 3, 1, 4) = 9 \cdot 17^{12} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 3, 1, 3, 1) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 3, 1, 2, 2) = 9 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 3, 1, 2, 1, 1) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 3, 1, 1, 3) = 17^{12} + 12 \cdot 17^{13} + 17^{14} + 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 3, 1, 1, 2, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 3, 1, 1, 1, 2) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 3, 1, 1, 1, 1) = 6 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 2, 6) = 12 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 2, 5, 1) = 5 \cdot 17^{12} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 2, 4, 2) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 2, 4, 1, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 2, 3, 3) = 6 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 2, 3, 2, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 2, 3, 1, 2) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 2, 3, 1, 1, 1) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 2, 2, 4) = 8 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 2, 2, 3, 1) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 2, 2, 2, 2) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 2, 2, 2, 1, 1) = 8 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 2, 2, 1, 3) = 4 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 2, 2, 1, 2, 1) = 2 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 2, 2, 1, 1, 2) = 15 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 2, 2, 1, 1, 1, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 2, 1, 5) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 2, 1, 4, 1) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 2, 1, 3, 2) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 2, 1, 3, 1, 1) = 9 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 2, 1, 2, 3) = 9 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 2, 1, 2, 2, 1) = 12 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 2, 1, 2, 1, 2) = 14 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 2, 1, 2, 1, 1, 1) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 2, 1, 1, 4) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 2, 1, 1, 3, 1) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 2, 1, 1, 2, 2) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 2, 1, 1, 2, 1, 1) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 2, 1, 1, 1, 3) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 2, 1, 1, 1, 2, 1) = 13 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 2, 1, 1, 1, 1, 2) = 3 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 2, 1, 1, 1, 1, 1, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 7) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 6, 1) = 11 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 5, 2) = 17^{12} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 5, 1, 1) = 9 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 4, 3) = 12 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 4, 2, 1) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 4, 1, 2) = 15 \cdot 17^{12} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 4, 1, 1, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 3, 4) = 4 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 3, 3, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 3, 2, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 3, 2, 1, 1) = 15 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 3, 1, 3) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 3, 1, 2, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 3, 1, 1, 2) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 3, 1, 1, 1, 1) = 8 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 2, 5) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 2, 4, 1) = 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 2, 3, 2) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 2, 3, 1, 1) = 6 \cdot 17^{12} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 2, 2, 3) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 2, 2, 2, 1) = 4 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 2, 2, 1, 2) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 2, 2, 1, 1, 1) = 12 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 2, 1, 4) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 2, 1, 3, 1) = 7 \cdot 17^{12} + 17^{13} + 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 2, 1, 2, 2) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 2, 1, 2, 1, 1) = 10 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 2, 1, 1, 3) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 2, 1, 1, 2, 1) = 6 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 2, 1, 1, 1, 2) = 16 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 6) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 5, 1) = 14 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 4, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 4, 1, 1) = 13 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 3, 3) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 3, 2, 1) = 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 3, 1, 2) = 14 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 3, 1, 1, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 2, 4) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 2, 3, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 2, 2, 2) = 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 2, 2, 1, 1) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 2, 1, 3) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 2, 1, 2, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 2, 1, 1, 2) = 14 \cdot 17^{12} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 2, 1, 1, 1, 1) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 5) = 10 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 4, 1) = 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 3, 2) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 3, 1, 1) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 2, 3) = 6 \cdot 17^{12} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 2, 2, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 2, 1, 2) = 8 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 2, 1, 1, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 4) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 3, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 2, 2) = 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 2, 1, 1) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 3) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 2, 1) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 1, 2) = 14 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 15 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 9) = 7 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 8, 1) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 7, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 7, 1, 1) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 6, 3) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 6, 2, 1) = 14 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 6, 1, 2) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 6, 1, 1, 1) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 5, 4) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 5, 3, 1) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 5, 2, 2) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 5, 2, 1, 1) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 3 \cdot 17^{15} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 5, 1, 3) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 5, 1, 2, 1) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 5, 1, 1, 2) = 8 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 5, 1, 1, 1, 1) = 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 4, 5) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 4, 4, 1) = 12 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 4, 3, 2) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 4, 3, 1, 1) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 4, 2, 3) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 4, 2, 2, 1) = 15 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 4, 2, 1, 2) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 4, 2, 1, 1, 1) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 4, 1, 4) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 4, 1, 3, 1) = 8 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 4, 1, 2, 2) = 14 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 4, 1, 2, 1, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 4, 1, 1, 3) = 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 4, 1, 1, 2, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 4, 1, 1, 1, 2) = 8 \cdot 17^{12} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 4, 1, 1, 1, 1, 1) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 3, 6) = 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 3, 5, 1) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 3, 4, 2) = 13 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 3, 4, 1, 1) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 3, 3, 3) = 7 \cdot 17^{12} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 3, 3, 2, 1) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 3, 3, 1, 2) = 5 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 3, 3, 1, 1, 1) = 12 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 3, 2, 4) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 3, 2, 3, 1) = 14 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 3, 2, 2, 2) = 16 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 3, 2, 2, 1, 1) = 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 3, 2, 1, 3) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 3, 2, 1, 2, 1) = 5 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 3, 2, 1, 1, 2) = 14 \cdot 17^{12} + 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 3, 2, 1, 1, 1, 1) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 3, 1, 5) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 3, 1, 4, 1) = 17^{12} + 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 3, 1, 3, 2) = 17^{12} + 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 3, 1, 3, 1, 1) = 4 \cdot 17^{12} + 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 3, 1, 2, 3) = 4 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 3, 1, 2, 2, 1) = 12 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 3, 1, 2, 1, 2) = 13 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 3, 1, 2, 1, 1, 1) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 3, 1, 1, 4) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 3, 1, 1, 3, 1) = 5 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 3, 1, 1, 2, 2) = 3 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 3, 1, 1, 2, 1, 1) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 3, 1, 1, 1, 3) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 3, 1, 1, 1, 2, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 3, 1, 1, 1, 1, 2) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 3, 1, 1, 1, 1, 1, 1) = 7 \cdot 17^{12} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 7) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 6, 1) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 5, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 5, 1, 1) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 4, 3) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 4, 2, 1) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 4, 1, 2) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 4, 1, 1, 1) = 7 \cdot 17^{12} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 3, 4) = 3 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 3, 3, 1) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 3, 2, 2) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 3, 2, 1, 1) = 10 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 3, 1, 3) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 3, 1, 2, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 3, 1, 1, 2) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 3, 1, 1, 1, 1) = 6 \cdot 17^{12} + 13 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 2, 5) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 2, 4, 1) = 2 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 2, 3, 2) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 2, 3, 1, 1) = 6 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 2, 2, 3) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 2, 2, 2, 1) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 2, 2, 1, 2) = 15 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 2, 2, 1, 1, 1) = 3 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 2, 1, 4) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 2, 1, 3, 1) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 2, 1, 2, 2) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 2, 1, 2, 1, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 2, 1, 1, 3) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 2, 1, 1, 2, 1) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 2, 1, 1, 1, 2) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 2, 1, 1, 1, 1, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 6) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 5, 1) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 4, 2) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 4, 1, 1) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{15} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 3, 3) = 2 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 3, 2, 1) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 3, 1, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 3, 1, 1, 1) = 7 \cdot 17^{12} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 2, 4) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 2, 3, 1) = 16 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 2, 2, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 2, 2, 1, 1) = 2 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 2, 1, 3) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 2, 1, 2, 1) = 15 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 2, 1, 1, 2) = 13 \cdot 17^{12} + 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 2, 1, 1, 1, 1) = 10 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 5) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{16} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 4, 1) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 3, 2) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 3, 1, 1) = 8 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 2, 3) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 2, 2, 1) = 6 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 2, 1, 2) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 2, 1, 1, 1) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 4) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 3, 1) = 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 2, 2) = 11 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 2, 1, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 3) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 2, 1) = 13 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 1, 2) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 8) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 7, 1) = 12 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 6, 2) = 4 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 6, 1, 1) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 5, 3) = 16 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 5, 2, 1) = 5 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 5, 1, 2) = 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 5, 1, 1, 1) = 12 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 4, 4) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 4, 3, 1) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 4, 2, 2) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 4, 2, 1, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 4, 1, 3) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 4, 1, 2, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 4, 1, 1, 2) = 14 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 4, 1, 1, 1, 1) = 4 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 3, 5) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 3, 4, 1) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 3, 3, 2) = 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 3, 3, 1, 1) = 12 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 3, 2, 3) = 5 \cdot 17^{13} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 3, 2, 2, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 3, 2, 1, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 3, 2, 1, 1, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 3, 1, 4) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 3, 1, 3, 1) = 13 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 3, 1, 2, 2) = 8 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 3, 1, 2, 1, 1) = 8 \cdot 17^{12} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 3, 1, 1, 3) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 3, 1, 1, 2, 1) = 16 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 3, 1, 1, 1, 2) = 5 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 3, 1, 1, 1, 1, 1) = 6 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 6) = 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{16} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 5, 1) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 4, 2) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 4, 1, 1) = 2 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 3, 3) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 3, 2, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 3, 1, 2) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 3, 1, 1, 1) = 7 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 2, 4) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 2, 3, 1) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 2, 2, 2) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 2, 2, 1, 1) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 2, 1, 3) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 2, 1, 2, 1) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 2, 1, 1, 2) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 2, 1, 1, 1, 1) = 13 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 5) = 14 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 4, 1) = 14 \cdot 17^{12} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 3, 2) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 3, 1, 1) = 10 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 2, 3) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 2, 2, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 2, 1, 2) = 5 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 2, 1, 1, 1) = 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 4) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 3, 1) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 2, 2) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 2, 1, 1) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 3) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 2, 1) = 17^{13} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 7) = 9 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 6, 1) = 15 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 5, 2) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 5, 1, 1) = 4 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 4, 3) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 4, 2, 1) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 4, 1, 2) = 13 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 4, 1, 1, 1) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 3, 4) = 7 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 3, 3, 1) = 13 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 3, 2, 2) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 3, 2, 1, 1) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 3, 1, 3) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 3, 1, 2, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 3, 1, 1, 2) = 15 \cdot 17^{12} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 3, 1, 1, 1, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 5) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 4, 1) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 3, 2) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 3, 1, 1) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 2, 3) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 2, 2, 1) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 2, 1, 2) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 2, 1, 1, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 4) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 3, 1) = 7 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 2, 2) = 13 \cdot 17^{12} + 6 \cdot 17^{15} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 2, 1, 1) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 3) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 2, 1) = 7 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 1, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 6) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 5, 1) = 12 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 4, 2) = 14 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 4, 1, 1) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 3, 3) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 3, 2, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 3, 1, 2) = 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 3, 1, 1, 1) = 9 \cdot 17^{13} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 4) = 3 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 3, 1) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 2, 2) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 3) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 2, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 1, 2) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 12 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 5) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 4, 1) = 15 \cdot 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 3, 2) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 3, 1, 1) = 14 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 3) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 2, 1) = 9 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 1, 2) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 2, 1, 1, 1) = 15 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 4) = 7 \cdot 17^{12} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 3, 1) = 12 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 2, 2) = 2 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 3) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 1, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 10) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 9, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 8, 2) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 8, 1, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 7, 3) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 7, 2, 1) = 7 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 7, 1, 2) = 2 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 7, 1, 1, 1) = 3 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 6, 4) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 6, 3, 1) = 16 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 6, 2, 2) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 6, 2, 1, 1) = 6 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 6, 1, 3) = 11 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 6, 1, 2, 1) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 6, 1, 1, 2) = 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 6, 1, 1, 1, 1) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 5, 5) = 12 \cdot 17^{12} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 5, 4, 1) = 8 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 5, 3, 2) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 5, 3, 1, 1) = 12 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 5, 2, 3) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 5, 2, 2, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 5, 2, 1, 2) = 11 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 5, 2, 1, 1, 1) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 5, 1, 4) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 5, 1, 3, 1) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 5, 1, 2, 2) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 5, 1, 2, 1, 1) = 12 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 5, 1, 1, 3) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 5, 1, 1, 2, 1) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 5, 1, 1, 1, 2) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 5, 1, 1, 1, 1, 1) = 4 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 4, 6) = 11 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 4, 5, 1) = 8 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 4, 4, 2) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 4, 4, 1, 1) = 6 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 4, 3, 3) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 4, 3, 2, 1) = 3 \cdot 17^{12} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 4, 3, 1, 2) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 4, 3, 1, 1, 1) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 4, 2, 4) = 17^{12} + 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 4, 2, 3, 1) = 12 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 4, 2, 2, 2) = 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 4, 2, 2, 1, 1) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 4, 2, 1, 3) = 2 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 4, 2, 1, 2, 1) = 4 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 4, 2, 1, 1, 2) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 4, 2, 1, 1, 1, 1) = 12 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 4, 1, 5) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 4, 1, 4, 1) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 4, 1, 3, 2) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 4, 1, 3, 1, 1) = 11 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 4, 1, 2, 3) = 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 4, 1, 2, 2, 1) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 4, 1, 2, 1, 2) = 3 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 4, 1, 2, 1, 1, 1) = 9 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 4, 1, 1, 4) = 10 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 4, 1, 1, 3, 1) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 4, 1, 1, 2, 2) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 4, 1, 1, 2, 1, 1) = 10 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 4, 1, 1, 1, 3) = 13 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 4, 1, 1, 1, 2, 1) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 4, 1, 1, 1, 1, 2) = 7 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 4, 1, 1, 1, 1, 1, 1) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 7) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 6, 1) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 5, 2) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 5, 1, 1) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 4, 3) = 11 \cdot 17^{12} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 4, 2, 1) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 4, 1, 2) = 13 \cdot 17^{12} + 6 \cdot 17^{15} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 4, 1, 1, 1) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 3, 4) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 3, 3, 1) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 3, 2, 2) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 3, 2, 1, 1) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 3, 1, 3) = 10 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 3, 1, 2, 1) = 5 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 3, 1, 1, 2) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 3, 1, 1, 1, 1) = 8 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 2, 5) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 2, 4, 1) = 13 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 2, 3, 2) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 2, 3, 1, 1) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 2, 2, 3) = 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 2, 2, 2, 1) = 3 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 2, 2, 1, 2) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 2, 2, 1, 1, 1) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 2, 1, 4) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 2, 1, 3, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 2, 1, 2, 2) = 7 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 2, 1, 2, 1, 1) = 4 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 2, 1, 1, 3) = 13 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 2, 1, 1, 2, 1) = 11 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 2, 1, 1, 1, 2) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 2, 1, 1, 1, 1) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 6) = 6 \cdot 17^{12} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 5, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 4, 2) = 3 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 4, 1, 1) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 3, 3) = 6 \cdot 17^{12} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 3, 2, 1) = 9 \cdot 17^{12} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 3, 1, 2) = 8 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 3, 1, 1) = 8 \cdot 17^{12} + 17^{13} + 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 2, 4) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 2, 3, 1) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 2, 2, 2) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 2, 2, 1, 1) = 5 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 2, 1, 3) = 15 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 2, 1, 2, 1) = 6 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 2, 1, 1, 2) = 9 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 2, 1, 1, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 5) = 7 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 4, 1) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 3, 2) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 3, 1, 1) = 5 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 2, 3) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 2, 2, 1) = 13 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 2, 1, 2) = 14 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 2, 1, 1) = 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 4) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 3, 1) = 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 2, 2) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 2, 1, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{16} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 3) = 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 2, 1) = 7 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 1, 2) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 8) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 7, 1) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 6, 2) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 6, 1, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 5, 3) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 5, 2, 1) = 12 \cdot 17^{12} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 5, 1, 2) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 5, 1, 1, 1) = 12 \cdot 17^{12} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 4, 4) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 4, 3, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 4, 2, 2) = 8 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 4, 2, 1, 1) = 12 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 4, 1, 3) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 4, 1, 2, 1) = 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 4, 1, 1, 2) = 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 4, 1, 1, 1, 1) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 3, 5) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 3, 4, 1) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 3, 3, 2) = 13 \cdot 17^{12} + 17^{13} + 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 3, 3, 1, 1) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 3, 2, 3) = 3 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 3, 2, 2, 1) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 3, 2, 1, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 3, 2, 1, 1, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 3, 1, 4) = 12 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 3, 1, 3, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 3, 1, 2, 2) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 3, 1, 2, 1, 1) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 3, 1, 1, 3) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 3, 1, 1, 2, 1) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 3, 1, 1, 1, 2) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 3, 1, 1, 1, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 6) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 5, 1) = 16 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 4, 2) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 4, 1, 1) = 9 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 2, 3, 3) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 3, 2, 1) = 6 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 3, 1, 2) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 3, 1, 1, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 2, 4) = 11 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 2, 3, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 2, 2, 2) = O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 2, 2, 1, 1) = 9 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 2, 2, 1, 3) = 15 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 2, 1, 2, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 2, 1, 1, 2) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 2, 1, 1, 1, 1) = 12 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 5) = 5 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 1, 4, 1) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 3, 2) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 3, 1, 1) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 2, 3) = 17^{12} + 14 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 2, 1, 2, 2, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 2, 1, 2) = 16 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 2, 1, 1, 1) = 15 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 4) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 3, 1) = 9 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 2, 2) = 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 2, 1, 1) = 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 3) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 2, 1) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 2) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 2, 1, 1, 1, 1, 1) = 17^{12} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 7) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 6, 1) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 5, 2) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 5, 1, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 4, 3) = 11 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 4, 2, 1) = 14 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 4, 1, 2) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 4, 1, 1, 1) = 5 \cdot 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 3, 4) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 3, 3, 1) = 17^{12} + 4 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 3, 2, 2) = 5 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 3, 2, 1, 1) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 3, 1, 3) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 3, 1, 2, 1) = 15 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 3, 1, 1, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 3, 1, 1, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 5) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 4, 1) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 3, 2) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 3, 1, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 2, 3) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 2, 2, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 2, 1, 2) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 2, 1, 1, 1) = 17^{12} + 13 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 4) = 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 3, 1) = 6 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 2, 2) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 2, 1, 1) = 6 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 3) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 2, 1) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 1, 2) = 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 6) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 5, 1) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 4, 2) = 15 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 4, 1, 1) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 3, 3) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 3, 2, 1) = 4 \cdot 17^{12} + 7 \cdot 17^{14} + 16 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 3, 1, 2) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 3, 1, 1, 1) = 10 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 4) = 3 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 3, 1) = 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 2, 2) = 8 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 2, 1, 1) = 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 3) = 9 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 2, 1) = 16 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 1, 2) = 7 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 10 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 5) = 11 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 4, 1) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 3, 2) = 10 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 3, 1, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 3) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 2, 1) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 1, 2) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 4) = 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 3, 1) = 4 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 2, 2) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 3) = 4 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 9) = 12 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 8, 1) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 7, 2) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 7, 1, 1) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 6, 3) = 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 6, 2, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 6, 1, 2) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 6, 1, 1, 1) = 6 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 5, 4) = 13 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 5, 3, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 5, 2, 2) = 10 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 5, 2, 1, 1) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 5, 1, 3) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 5, 1, 2, 1) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 5, 1, 1, 2) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 5, 1, 1, 1, 1) = 10 \cdot 17^{12} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 4, 5) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 4, 4, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 4, 3, 2) = 12 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 4, 3, 1, 1) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 4, 2, 3) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 4, 2, 2, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 4, 2, 1, 2) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 4, 2, 1, 1, 1) = 8 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 4, 1, 4) = 8 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 4, 1, 3, 1) = 10 \cdot 17^{12} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 4, 1, 2, 2) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 4, 1, 2, 1, 1) = 10 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 4, 1, 1, 3) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 4, 1, 1, 2, 1) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 4, 1, 1, 1, 2) = 7 \cdot 17^{12} + 14 \cdot 17^{14} + 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 4, 1, 1, 1, 1, 1) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 6) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 5, 1) = 6 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 4, 2) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 4, 1, 1) = 8 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 3, 3) = 10 \cdot 17^{13} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 3, 2, 1) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 3, 1, 2) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 3, 1, 1, 1) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 2, 4) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 2, 3, 1) = 10 \cdot 17^{12} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 2, 2, 2) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 2, 2, 1, 1) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 2, 1, 3) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 2, 1, 2, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 2, 1, 1, 2) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 2, 1, 1, 1, 1) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 5) = 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 4, 1) = 8 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 3, 2) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 3, 1, 1) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 2, 3) = 13 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 2, 2, 1) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 2, 1, 2) = 17^{12} + 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 4) = 16 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 3, 1) = 3 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 17^{16} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 2, 2) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 2, 1, 1) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 3) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 2, 1) = 6 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 1, 2) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 7 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 7) = 13 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 6, 1) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 5, 2) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 5, 1, 1) = 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 15 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 4, 3) = 4 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 4, 2, 1) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 4, 1, 2) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 4, 1, 1, 1) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 3, 4) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 3, 3, 1) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 3, 2, 2) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 3, 2, 1, 1) = 13 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 3, 1, 3) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 3, 1, 2, 1) = 9 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 3, 1, 1, 2) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 3, 1, 1, 1, 1) = 17^{12} + 5 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 2, 5) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 4, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 3, 2) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 3, 1, 1) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 2, 2, 3) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 2, 2, 1) = 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 2, 1, 2) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 2, 1, 1, 1) = 14 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 4) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 3, 1) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 2, 2) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 2, 1, 1) = 3 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 3) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 2, 1) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 1, 2) = 4 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 9 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 6) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 5, 1) = 7 \cdot 17^{12} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 4, 2) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 4, 1, 1) = 2 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 3, 3) = 4 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 3, 2, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 3, 1, 2) = 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 3, 1, 1, 1) = 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 4) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 3, 1) = 16 \cdot 17^{12} + 2 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 2, 2) = 13 \cdot 17^{12} + 17^{13} + 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 2, 1, 1) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 3) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 2, 1) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 1, 2) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 5) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 4, 1) = 12 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 3, 2) = 12 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 3, 1, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 3) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 2, 1) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 1, 2) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 4) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 3, 1) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 2, 2) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 3) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 16 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 8) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 7, 1) = 13 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 6, 2) = 6 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 6, 1, 1) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 5, 3) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 5, 2, 1) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 5, 1, 2) = 14 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 5, 1, 1) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 4, 4) = 10 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 4, 3, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 4, 2, 2) = 15 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 4, 2, 1, 1) = 7 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 7 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 4, 1, 3) = 4 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 4, 1, 2, 1) = 2 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 4, 1, 1, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 4, 1, 1, 1, 1) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 5) = 17^{12} + 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 4, 1) = 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 3, 2) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 3, 1, 1) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 2, 3) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 2, 2, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 2, 1, 2) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 2, 1, 1, 1) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 4) = 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 3, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 2, 2) = 3 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 2, 1, 1) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 3) = 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 2, 1) = 6 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 1, 2) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 6) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 5, 1) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 4, 2) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 4, 1, 1) = 9 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 3, 3) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 3, 2, 1) = 4 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 3, 1, 2) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 3, 1, 1, 1) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 4) = 4 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 3, 1) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 2, 2) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 2, 1, 1) = 11 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 3) = 10 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 2, 1) = 16 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 1, 2) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 5) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 4, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 3, 2) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 3, 1, 1) = 16 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 3) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 2, 1) = 11 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 1, 2) = 13 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 2, 1, 1) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 4) = 12 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 3, 1) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 2, 2) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 3) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 14 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 7) = 6 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 6, 1) = 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 5, 2) = 17^{12} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 5, 1, 1) = 12 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 4, 3) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 4, 2, 1) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{16} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 4, 1, 2) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 4, 1, 1, 1) = 5 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 4) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 3, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 2, 2) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 2, 1, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 3) = 8 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 2, 1) = 3 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{16} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 1, 2) = 17^{12} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 3, 1, 1, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 5) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 4, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 3, 2) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 3, 1, 1) = 16 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 3) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 2, 1) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 4 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 1, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 4 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 4) = 8 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 3, 1) = 2 \cdot 17^{12} + 7 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 2, 2) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 15 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 3) = 10 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 6 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{16} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 6) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 5, 1) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 4, 2) = 6 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 4, 1, 1) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 3) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 2, 1) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 1, 2) = 4 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 4) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 3, 1) = 5 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 2, 2) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 3) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 4 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 5) = 12 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 4, 1) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 2) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 3, 1, 1) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 3) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 2, 1) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 14 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 4) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 3, 1) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 2, 2) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 3) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 8 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 11) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 10, 1) = 13 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 9, 2) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 9, 1, 1) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 8, 3) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 8, 2, 1) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 8, 1, 2) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 8, 1, 1, 1) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 7, 4) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 7, 3, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 7, 2, 2) = 4 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 7, 2, 1, 1) = 12 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 7, 1, 3) = 2 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 7, 1, 2, 1) = 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 7, 1, 1, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 7, 1, 1, 1, 1) = 3 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 6, 5) = 14 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 6, 4, 1) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 6, 3, 2) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 6, 3, 1, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 6, 2, 3) = 3 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 6, 2, 2, 1) = 4 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 6, 2, 1, 2) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 6, 2, 1, 1, 1) = 2 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 6, 1, 4) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 6, 1, 3, 1) = 4 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 6, 1, 2, 2) = 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 6, 1, 2, 1, 1) = 2 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 6, 1, 1, 3) = 6 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 6, 1, 1, 2, 1) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 6, 1, 1, 1, 2) = 12 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 6, 1, 1, 1, 1, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 5, 6) = 16 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 5, 5, 1) = 12 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 5, 4, 2) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 5, 4, 1, 1) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 5, 3, 3) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 5, 3, 2, 1) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 5, 3, 1, 2) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 5, 3, 1, 1, 1) = 16 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 5, 2, 4) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 5, 2, 3, 1) = 12 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 5, 2, 2, 2) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 5, 2, 2, 1, 1) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 5, 2, 1, 3) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 5, 2, 1, 2, 1) = 12 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 5, 2, 1, 1, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 5, 2, 1, 1, 1, 1) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 5, 1, 5) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 5, 1, 4, 1) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 5, 1, 3, 2) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 5, 1, 3, 1, 1) = 14 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 5, 1, 2, 3) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 5, 1, 2, 2, 1) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 5, 1, 2, 1, 2) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 5, 1, 2, 1, 1, 1) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 5, 1, 1, 4) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 5, 1, 1, 3, 1) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 5, 1, 1, 2, 2) = 13 \cdot 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 5, 1, 1, 2, 1, 1) = 11 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 5, 1, 1, 1, 3) = 14 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 5, 1, 1, 1, 2, 1) = 14 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 5, 1, 1, 1, 1, 2) = 15 \cdot 17^{12} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 5, 1, 1, 1, 1, 1, 1) = 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 7) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 6, 1) = 10 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 5, 2) = 10 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 5, 1, 1) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 4, 3) = 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 4, 2, 1) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 4, 1, 2) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 4, 1, 1, 1) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 3, 4) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 3, 3, 1) = 4 \cdot 17^{12} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 3, 2, 2) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 3, 2, 1, 1) = 4 \cdot 17^{12} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 3, 1, 3) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 3, 1, 2, 1) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 3, 1, 1, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 3, 1, 1, 1, 1) = 3 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 2, 5) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 2, 4, 1) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 2, 3, 2) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 2, 3, 1, 1) = 10 \cdot 17^{12} + 5 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 2, 2, 3) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 2, 2, 2, 1) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 2, 2, 1, 2) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 2, 2, 1, 1, 1) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 2, 1, 4) = 14 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 2, 1, 3, 1) = 11 \cdot 17^{13} + 15 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 2, 1, 2, 2) = 13 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 2, 1, 2, 1, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 2, 1, 1, 3) = 9 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 2, 1, 1, 2, 1) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 2, 1, 1, 1, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{15} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 2, 1, 1, 1, 1, 1) = 4 \cdot 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 6) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 5, 1) = 11 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 4, 2) = 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 4, 1, 1) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 3, 3) = 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 3, 2, 1) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 3, 1, 2) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 3, 1, 1, 1) = 9 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 2, 4) = 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 2, 3, 1) = 15 \cdot 17^{12} + 9 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 2, 2, 2) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 2, 2, 1, 1) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 2, 1, 3) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 2, 1, 2, 1) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 2, 1, 1, 2) = 17^{12} + 12 \cdot 17^{13} + 17^{14} + 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 2, 1, 1, 1, 1) = 7 \cdot 17^{12} + 4 \cdot 17^{13} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 5) = 11 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 4, 1) = 2 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 3, 2) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 3, 1, 1) = 13 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 2, 3) = 14 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 2, 2, 1) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 2, 1, 2) = 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 2, 1, 1, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 4) = 7 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 3, 1) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 2, 2) = 2 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 2, 1, 1) = 16 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 3) = 6 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 2, 1) = 12 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 1, 2) = 12 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 8) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 7, 1) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 6, 2) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 6, 1, 1) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 5, 3) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 5, 2, 1) = 15 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 5, 1, 2) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 5, 1, 1, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 4, 4) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 4, 3, 1) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 4, 2, 2) = 9 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 4, 2, 1, 1) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 9 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 4, 1, 3) = 2 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 4, 1, 2, 1) = 6 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 4, 1, 1, 2) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 4, 1, 1, 1, 1) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 3, 5) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 3, 4, 1) = 16 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 3, 3, 2) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 3, 3, 1, 1) = 8 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 3, 2, 3) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 3, 2, 2, 1) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 3, 2, 1, 2) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 3, 2, 1, 1, 1) = 9 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 3, 1, 4) = 2 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 3, 1, 3, 1) = 17^{12} + 2 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 5 \cdot 17^{17} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 3, 1, 2, 2) = 15 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 3, 1, 2, 1, 1) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 3, 1, 1, 3) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 3, 1, 1, 2, 1) = 10 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 3, 1, 1, 1, 2) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 3, 1, 1, 1, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 6) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 5, 1) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 4, 2) = 10 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 4, 1, 1) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 3, 3) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 3, 2, 1) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 3, 1, 2) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 3, 1, 1, 1) = 12 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 2, 4) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 2, 3, 1) = 15 \cdot 17^{12} + 9 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 2, 2, 2) = 15 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 2, 2, 1, 1) = 3 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 2, 1, 3) = 13 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 2, 1, 2, 1) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 2, 1, 1, 2) = 4 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 2, 1, 1, 1, 1) = 16 \cdot 17^{12} + 16 \cdot 17^{14} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 5) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 4, 1) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 3, 2) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 3, 1, 1) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 2, 3) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 2, 2, 1) = 15 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 2, 1, 2) = 12 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 2, 1, 1, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 4) = 4 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 3, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 2, 2) = 2 \cdot 17^{12} + 10 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 2, 1, 1) = 2 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 3) = 10 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 2, 1) = 4 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 1, 2) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 2, 1, 1, 1, 1, 1) = 4 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 7) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 6, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 5, 2) = 8 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 5, 1, 1) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 4, 3) = 14 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 4, 2, 1) = 6 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 4, 1, 2) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 4, 1, 1, 1) = 4 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 3, 4) = 10 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 3, 3, 1) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 3, 2, 2) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 3, 2, 1, 1) = 13 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 3, 1, 3) = O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 3, 1, 2, 1) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 3, 1, 1, 2) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 3, 1, 1, 1, 1) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 5) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 4, 1) = 10 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 3, 2) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 3, 1, 1) = 3 \cdot 17^{12} + 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 2 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 2, 3) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 2, 2, 1) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 2, 1, 2) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 7 \cdot 17^{15} + 7 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 2, 1, 1, 1) = 6 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 4) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 3, 1) = 7 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 2, 2) = 10 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 2, 1, 1) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 3) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 2, 1) = 15 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 1, 2) = 6 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 2, 1, 1, 1, 1, 1) = 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 6) = 6 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 5, 1) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 4, 2) = 4 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 4, 1, 1) = 12 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 3, 3) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 3, 2, 1) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 3, 1, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 3, 1, 1, 1) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 4) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 3, 1) = 10 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 2, 2) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 2, 1, 1) = 7 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 3) = 2 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 2, 1) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 1, 2) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 5) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 4, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 3, 2) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 3, 1, 1) = 6 \cdot 17^{12} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 3) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 2, 1) = 6 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 1, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 2, 1, 1, 1) = 14 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 4) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 3, 1) = 5 \cdot 17^{12} + 15 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 2, 2) = 11 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 2, 1, 1) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 3) = 2 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 9) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 8, 1) = 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 7, 2) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 7, 1, 1) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 6, 3) = 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 6, 2, 1) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 6, 1, 2) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 6, 1, 1, 1) = 2 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 5, 4) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 5, 3, 1) = 9 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 5, 2, 2) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 5, 2, 1, 1) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 5, 1, 3) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 5, 1, 2, 1) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 5, 1, 1, 2) = 6 \cdot 17^{12} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 5, 1, 1, 1, 1) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 4, 5) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 4, 4, 1) = 10 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 4, 3, 2) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 4, 3, 1, 1) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 4, 2, 3) = 9 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 4, 2, 2, 1) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 4, 2, 1, 2) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 4, 2, 1, 1, 1) = 2 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 4, 1, 4) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 4, 1, 3, 1) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 4, 1, 2, 2) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 4, 1, 2, 1, 1) = 7 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 4, 1, 1, 3) = 14 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 4, 1, 1, 2, 1) = 2 \cdot 17^{12} + 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 4, 1, 1, 1, 2) = 4 \cdot 17^{12} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 4, 1, 1, 1, 1, 1) = 12 \cdot 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 6) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 5, 1) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 4, 2) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 4, 1, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 3, 3) = 2 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 3, 2, 1) = 5 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 3, 1, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 3, 1, 1, 1) = 7 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 2, 4) = 10 \cdot 17^{13} + 9 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 2, 3, 1) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 2, 2, 2) = 17^{12} + 14 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 2, 2, 1, 1) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 2, 1, 3) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 2, 1, 2, 1) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 2, 1, 1, 2) = 9 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 2, 1, 1, 1, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 5) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 4, 1) = 14 \cdot 17^{12} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 3, 2) = 13 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 3, 1, 1) = 15 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{15} + 10 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 2, 3) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 2, 2, 1) = 5 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 2, 1, 2) = 4 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 2, 1, 1, 1) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 4) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 3, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 2, 2) = 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 2, 1, 1) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 3) = 13 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 2, 1) = 5 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 1, 2) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 7) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 6, 1) = 15 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 5, 2) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 5, 1, 1) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 4, 3) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 4, 2, 1) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 4, 1, 2) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 4, 1, 1, 1) = 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 3, 4) = 6 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 3, 3, 1) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 3, 2, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 3, 2, 1, 1) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 3, 1, 3) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 3, 1, 2, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 3, 1, 1, 2) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 3, 1, 1, 1, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 5) = 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 4, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 3, 2) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 3, 1, 1) = 15 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 2, 3) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 2, 2, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 2, 1, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 2, 1, 1, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 4) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 3, 1) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 2, 2) = 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 2, 1, 1) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 3) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 2, 1) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 1, 2) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 16 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 6) = 4 \cdot 17^{13} + 17^{15} + 14 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 5, 1) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 4, 2) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 4, 1, 1) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 3, 3) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 3, 2, 1) = 2 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 3, 1, 2) = 5 \cdot 17^{13} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 3, 1, 1, 1) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 17^{14} + 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 4) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 3, 1) = 4 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 2, 2) = 3 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 2, 1, 1) = 12 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 3) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 2, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 1, 2) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 17^{13} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 5) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 4, 1) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 3, 2) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 3, 1, 1) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 3) = 9 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 2, 1) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 1, 2) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 4) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 3, 1) = 13 \cdot 17^{12} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 2, 2) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 8 \cdot 17^{12} + 15 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 3) = 3 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{15} + 17^{16} + 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 8) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 7, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 6, 2) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 6, 1, 1) = 8 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 5, 3) = 6 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 5, 2, 1) = 16 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 5, 1, 2) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 5, 1, 1) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 4, 4) = 5 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 4, 3, 1) = 9 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 4, 2, 2) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 16 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 4, 2, 1, 1) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 4, 1, 3) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 4, 1, 2, 1) = 3 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 4, 1, 1, 2) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 4, 1, 1, 1, 1) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 5) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 4, 1) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 8 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 3, 2) = 4 \cdot 17^{12} + 11 \cdot 17^{13} + 14 \cdot 17^{14} + 15 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 3, 1, 1) = 3 \cdot 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 2, 3) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 2, 2, 1) = 5 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 2, 1, 2) = 2 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 2, 1, 1, 1) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 4) = 6 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 3, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 2, 2) = 6 \cdot 17^{12} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 2, 1, 1) = 9 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 3) = 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 2, 1) = 15 \cdot 17^{12} + 10 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 1, 2) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 6) = 5 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 5, 1) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 4, 2) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 4, 1, 1) = 15 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 3, 3) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 7 \cdot 17^{14} + 16 \cdot 17^{15} + 10 \cdot 17^{16} + 6 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 3, 2, 1) = 9 \cdot 17^{12} + 12 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 3, 1, 2) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 3, 1, 1, 1) = 2 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 4) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 3, 1) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 2, 2) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 2, 1, 1) = 6 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 3) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 2, 1) = 11 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 1, 2) = 6 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 4 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 5) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 4, 1) = 5 \cdot 17^{12} + 7 \cdot 17^{13} + 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 16 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 3, 2) = 10 \cdot 17^{13} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 3, 1, 1) = 12 \cdot 17^{12} + 6 \cdot 17^{14} + 9 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 3) = 2 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 2, 1) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 1, 2) = 7 \cdot 17^{12} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 4) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 3, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 2, 2) = 9 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 7 \cdot 17^{12} + 11 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 3) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 6 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 14 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 7) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 6, 1) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 5, 2) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 16 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 5, 1, 1) = 15 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 4, 3) = 3 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 4, 2, 1) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 4, 1, 2) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 4, 1, 1, 1) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 4) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 3, 1) = 4 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 2, 2) = 11 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 6 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 2, 1, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 10 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 3) = 14 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 2, 1) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 1, 2) = 12 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 3, 1, 1, 1) = 9 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 5) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 4, 1) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 3, 2) = 4 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 3, 1, 1) = 17^{12} + 16 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 3) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 2, 1) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 1, 2) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 4) = 14 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 3, 1) = 4 \cdot 17^{12} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 2, 2) = 11 \cdot 17^{12} + 10 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 3) = 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 6) = 5 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 5, 1) = 10 \cdot 17^{12} + 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 11 \cdot 17^{16} + 4 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 4, 2) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 4, 1, 1) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 3) = 6 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 2, 1) = 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 1, 2) = 16 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 4) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 3, 1) = 5 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 2, 2) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 3) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 5 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 5) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 4, 1) = 14 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 3, 2) = 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 3) = 17^{12} + 6 \cdot 17^{13} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 13 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 4) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 4 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 14 \cdot 17^{12} + 17^{13} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 15 \cdot 17^{12} + 6 \cdot 17^{14} + 14 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 10) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 9, 1) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 8, 2) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 16 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 8, 1, 1) = 10 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 7, 3) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 7 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 7, 2, 1) = 10 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 7, 1, 2) = 7 \cdot 17^{12} + 11 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 7, 1, 1, 1) = 7 \cdot 17^{13} + 9 \cdot 17^{14} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 6, 4) = 15 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 6, 3, 1) = 12 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 6, 2, 2) = 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 2 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 6, 2, 1, 1) = 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 6, 1, 3) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 6, 1, 2, 1) = 4 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 10 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 6, 1, 1, 2) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 6, 1, 1, 1, 1) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 5, 5) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 5, 4, 1) = 5 \cdot 17^{12} + 12 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 5, 3, 2) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 5, 3, 1, 1) = 5 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 17^{17} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 5, 2, 3) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 5, 2, 2, 1) = 11 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 5, 2, 1, 2) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 5, 2, 1, 1, 1) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 5, 1, 4) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 5, 1, 3, 1) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 5, 1, 2, 2) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 5, 1, 2, 1, 1) = 4 \cdot 17^{12} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 5, 1, 1, 3) = 7 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 5, 1, 1, 2, 1) = 14 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 5, 1, 1, 1, 2) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 5, 1, 1, 1, 1, 1) = 10 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 6) = 17^{12} + 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 5, 1) = 8 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 4, 2) = 12 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 4, 1, 1) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 13 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 3, 3) = 13 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 3, 2, 1) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 3, 1, 2) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 3, 1, 1, 1) = 10 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 2, 4) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 2, 3, 1) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 3 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 2, 2, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 2, 2, 1, 1) = 15 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 2, 1, 3) = 4 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 4 \cdot 17^{17} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 2, 1, 2, 1) = 10 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{16} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 2, 1, 1, 2) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 2, 1, 1, 1, 1) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 5) = 8 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
 \zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 4, 1) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 3, 2) = 16 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 3, 1, 1) = 16 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 2, 3) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 2, 2, 1) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 2, 1, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 2, 1, 1, 1) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 4) = 13 \cdot 17^{12} + 17^{13} + 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 3, 1) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 2, 2) = 10 \cdot 17^{12} + 13 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 2, 1, 1) = 8 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 2 \cdot 17^{17} + 14 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 3) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 2, 1) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 1, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 2 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 15 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 7) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 6, 1) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 5, 2) = 8 \cdot 17^{13} + 13 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 5, 1, 1) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 14 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 4, 3) = 14 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 4, 2, 1) = 8 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 15 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 4, 1, 2) = 5 \cdot 17^{12} + 9 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 4, 1, 1, 1) = 3 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 3, 4) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 3, 3, 1) = 15 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 3, 2, 2) = 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 3, 2, 1, 1) = 16 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 3, 1, 3) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 3, 1, 2, 1) = 13 \cdot 17^{12} + 2 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 3, 1, 1, 2) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 3, 1, 1, 1, 1) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 5) = 8 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 4, 1) = 15 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 3, 2) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 3, 1, 1) = 16 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 2, 3) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 2, 2, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 2, 1, 2) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 2, 1, 1, 1) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 4) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 4 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 3, 1) = 12 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 2, 2) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 2, 1, 1) = 9 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 3) = 14 \cdot 17^{12} + 17^{13} + 16 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 2, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 1, 2) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 6) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 5, 1) = 10 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 4, 2) = 17^{12} + 10 \cdot 17^{13} + 12 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 4, 1, 1) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 8 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 3, 3) = 6 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 3, 2, 1) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 3, 1, 2) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 3, 1, 1, 1) = 6 \cdot 17^{12} + 6 \cdot 17^{13} + 10 \cdot 17^{14} + 3 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 4) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 3, 1) = 15 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 2, 2) = 12 \cdot 17^{12} + 17^{13} + 2 \cdot 17^{14} + 12 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 2, 1, 1) = 8 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 3) = 2 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 2, 1) = 9 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 1, 2) = 9 \cdot 17^{12} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 14 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 15 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 5) = 12 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 4, 1) = 6 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 3, 2) = 8 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 9 \cdot 17^{17} + 6 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 3, 1, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 10 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 3) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 2, 1) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 1, 2) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 15 \cdot 17^{12} + 13 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 4) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 3, 1) = 4 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 2, 2) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 8 \cdot 17^{12} + 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 3) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 5 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 8) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 7, 1) = 9 \cdot 17^{12} + 14 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 6, 2) = 8 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 6, 1, 1) = 2 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 16 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 5, 3) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 5, 2, 1) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 5, 1, 2) = 3 \cdot 17^{13} + 10 \cdot 17^{14} + 8 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 5, 1, 1, 1) = 6 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 6 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 4, 4) = 5 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 4, 3, 1) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 4, 2, 2) = 3 \cdot 17^{12} + 16 \cdot 17^{13} + 8 \cdot 17^{14} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 4, 2, 1, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 4, 1, 3) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 4, 1, 2, 1) = 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 4, 1, 1, 2) = 10 \cdot 17^{12} + 16 \cdot 17^{13} + 14 \cdot 17^{14} + 5 \cdot 17^{15} + 12 \cdot 17^{16} + 3 \cdot 17^{17} + 7 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 4, 1, 1, 1, 1) = 8 \cdot 17^{12} + 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 6 \cdot 17^{17} + 12 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 5) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 4, 1) = 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 3, 2) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 10 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 3, 1, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 2, 3) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 2, 2, 1) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 2, 1, 2) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 2, 1, 1, 1) = 15 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 4) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 3, 1) = 6 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 2, 2) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 12 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 2, 1, 1) = 9 \cdot 17^{12} + 13 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 3) = 17^{13} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 2, 1) = 8 \cdot 17^{12} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 1, 2) = 2 \cdot 17^{12} + 5 \cdot 17^{14} + 11 \cdot 17^{15} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 3, 1, 1, 1, 1, 1) = 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 6) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 5, 1) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 4, 2) = 4 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 4, 1, 1) = 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 3, 3) = 11 \cdot 17^{12} + 15 \cdot 17^{13} + 6 \cdot 17^{14} + 15 \cdot 17^{15} + 14 \cdot 17^{16} + 12 \cdot 17^{17} + 4 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 3, 2, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 3, 1, 2) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 3, 1, 1, 1) = 9 \cdot 17^{12} + 7 \cdot 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 4) = 11 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 3, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 2, 2) = 11 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 2, 1, 1) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 3) = 16 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 10 \cdot 17^{17} + 4 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 2, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 1, 2) = 8 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 5 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 2, 1, 1, 1, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 17^{16} + 11 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 5) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 4, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 3, 2) = 16 \cdot 17^{12} + 15 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 3, 1, 1) = 14 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 3) = 10 \cdot 17^{13} + 9 \cdot 17^{15} + 17^{16} + 2 \cdot 17^{17} + 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 2, 1) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{15} + 4 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 1, 2) = 8 \cdot 17^{12} + 11 \cdot 17^{13} + 6 \cdot 17^{14} + 9 \cdot 17^{15} + 6 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 2, 1, 1, 1) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 11 \cdot 17^{16} + 12 \cdot 17^{17} + 6 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 4) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 3, 1) = 8 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 2, 2) = 17^{12} + 17^{13} + 3 \cdot 17^{14} + 12 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 10 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 15 \cdot 17^{15} + 6 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 3) = 3 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 12 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 2 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 14 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 7) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 6, 1) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 5, 2) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 5, 1, 1) = 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 4, 3) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 4, 2, 1) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 4, 1, 2) = 7 \cdot 17^{13} + 2 \cdot 17^{14} + 7 \cdot 17^{15} + 6 \cdot 17^{16} + 2 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 4, 1, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 4) = 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 2 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 3, 1) = 5 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 2, 2) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 2, 1) = 3 \cdot 17^{12} + 8 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 3) = 10 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 16 \cdot 17^{15} + 6 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 2, 1) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 13 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 1, 2) = 4 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 3, 1, 1, 1) = 16 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 5) = 14 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 4, 1) = 13 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 16 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 3, 2) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 3, 1, 1) = 6 \cdot 17^{12} + 12 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 4 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 3) = 6 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 2, 1) = 3 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 10 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 1, 2) = 3 \cdot 17^{13} + 13 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 2, 1, 1) = 5 \cdot 17^{12} + 11 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 5 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 4) = 16 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 3 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{17} + 16 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 3, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 10 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 2, 2) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{17} + 15 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 2, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 3) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 7 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 2, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 1, 2) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 4 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 6) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 5, 1) = 2 \cdot 17^{12} + 17^{13} + 4 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 4, 2) = 10 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 4, 1, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 3) = 5 \cdot 17^{12} + 15 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 2, 1) = 6 \cdot 17^{12} + 2 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 15 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 1, 2) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 15 \cdot 17^{14} + 5 \cdot 17^{15} + 13 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 3, 1, 1, 1) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 4) = 5 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 3, 1) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 2, 2) = 5 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 8 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 2, 1, 1) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 14 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 3) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 2, 1) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 3 \cdot 17^{15} + 14 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 5) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 4, 1) = 9 \cdot 17^{13} + 7 \cdot 17^{14} + 14 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 3, 2) = 13 \cdot 17^{13} + 3 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 3, 1, 1) = 8 \cdot 17^{12} + 10 \cdot 17^{13} + 4 \cdot 17^{15} + 13 \cdot 17^{16} + 15 \cdot 17^{17} + 11 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 3) = 2 \cdot 17^{12} + 13 \cdot 17^{13} + 11 \cdot 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 16 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 2, 1) = 12 \cdot 17^{12} + 15 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 1, 2) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 4) = 15 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 2 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 3, 1) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 10 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 2, 2) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 6 \cdot 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 5 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 11 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 3) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 2 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 10 \cdot 17^{12} + 9 \cdot 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 9) = 17^{12} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 8, 1) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 7, 2) = 12 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 7, 1, 1) = 2 \cdot 17^{12} + 12 \cdot 17^{13} + 6 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 6, 3) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 8 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 6, 2, 1) = 16 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 6, 1, 2) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 14 \cdot 17^{14} + 2 \cdot 17^{16} + 8 \cdot 17^{17} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 6, 1, 1, 1) = 10 \cdot 17^{12} + 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 5, 4) = 7 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 16 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 5, 3, 1) = 17^{12} + 12 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 17^{16} + 14 \cdot 17^{17} + 13 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 5, 2, 2) = 11 \cdot 17^{12} + 2 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 5, 2, 1, 1) = 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 5, 1, 3) = 8 \cdot 17^{12} + 3 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 5 \cdot 17^{17} + 2 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 5, 1, 2, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 16 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 5, 1, 1, 2) = 10 \cdot 17^{12} + 8 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 5, 1, 1, 1) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 5) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 4, 1) = 13 \cdot 17^{12} + 13 \cdot 17^{13} + 2 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 3, 2) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{15} + 2 \cdot 17^{16} + 13 \cdot 17^{17} + 5 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 3, 1, 1) = 9 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 2, 3) = 13 \cdot 17^{12} + 6 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 2, 2, 1) = 4 \cdot 17^{12} + 7 \cdot 17^{13} + 11 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{17} + 3 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 2, 1, 2) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 5 \cdot 17^{16} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 2, 1, 1, 1) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 10 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 4) = 12 \cdot 17^{12} + 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 3, 1) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 11 \cdot 17^{17} + 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 2, 2) = 7 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{14} + 2 \cdot 17^{15} + 15 \cdot 17^{16} + 2 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 2, 1, 1) = 16 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 3) = 11 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 2, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{14} + 7 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 1, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 6 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 4, 1, 1, 1, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 6 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{18} + 10 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 6) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 5, 1) = 10 \cdot 17^{12} + 7 \cdot 17^{13} + 15 \cdot 17^{14} + 15 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 4, 2) = 11 \cdot 17^{12} + 16 \cdot 17^{13} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 4, 1, 1) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 3, 3) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 8 \cdot 17^{14} + 4 \cdot 17^{15} + 6 \cdot 17^{16} + 12 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 3, 2, 1) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 2 \cdot 17^{16} + 9 \cdot 17^{17} + 14 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 3, 1, 2) = 14 \cdot 17^{12} + 2 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 3, 1, 1, 1) = 9 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 16 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 4) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 3, 1) = 15 \cdot 17^{12} + 9 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 2, 2) = 5 \cdot 17^{12} + 16 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 15 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 2, 1, 1) = 6 \cdot 17^{12} + 7 \cdot 17^{13} + 8 \cdot 17^{14} + 13 \cdot 17^{15} + 5 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 3) = 7 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 2, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 16 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 1, 2) = 5 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 3 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 5) = 9 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 17^{17} + 2 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 4, 1) = 15 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 3, 2) = 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 4 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 3, 1, 1) = 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 3) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 13 \cdot 17^{15} + 13 \cdot 17^{17} + 6 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 2, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 16 \cdot 17^{14} + 7 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 1, 2) = 7 \cdot 17^{12} + 6 \cdot 17^{13} + 9 \cdot 17^{14} + 4 \cdot 17^{15} + 4 \cdot 17^{16} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 11 \cdot 17^{12} + 11 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{15} + 14 \cdot 17^{16} + 11 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 4) = 8 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 3, 1) = 11 \cdot 17^{13} + 11 \cdot 17^{14} + 13 \cdot 17^{15} + 14 \cdot 17^{16} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 2, 2) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 15 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 10 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 11 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 3) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 5 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 11 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 11 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 5 \cdot 17^{15} + 16 \cdot 17^{16} + 8 \cdot 17^{17} + 14 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 4 \cdot 17^{14} + 9 \cdot 17^{15} + 15 \cdot 17^{16} + 16 \cdot 17^{17} + 7 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 7) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 6, 1) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 5, 2) = 11 \cdot 17^{12} + 3 \cdot 17^{13} + 13 \cdot 17^{14} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 5, 1, 1) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 4, 3) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 4, 2, 1) = 8 \cdot 17^{12} + 16 \cdot 17^{13} + 2 \cdot 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 4, 1, 2) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 2 \cdot 17^{17} + 12 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 4, 1, 1, 1) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 6 \cdot 17^{16} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 4) = 14 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 3, 1) = 10 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 17^{15} + 6 \cdot 17^{16} + 6 \cdot 17^{17} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 2, 2) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 12 \cdot 17^{16} + 17^{17} + 14 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 2, 1, 1) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 3) = 16 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 6 \cdot 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 2, 1) = 12 \cdot 17^{12} + 8 \cdot 17^{13} + 5 \cdot 17^{14} + 16 \cdot 17^{15} + 16 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 1, 2) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 5 \cdot 17^{15} + 2 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 8 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 12 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 5) = 2 \cdot 17^{12} + 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 4, 1) = 11 \cdot 17^{12} + 6 \cdot 17^{13} + 5 \cdot 17^{14} + 12 \cdot 17^{15} + 13 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 3, 2) = 2 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 3, 1, 1) = 14 \cdot 17^{12} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 3) = 17^{12} + 9 \cdot 17^{13} + 3 \cdot 17^{14} + 14 \cdot 17^{15} + 11 \cdot 17^{16} + 17^{17} + 11 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 2, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 2 \cdot 17^{15} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 1, 2) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{15} + 11 \cdot 17^{16} + 10 \cdot 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 5 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 16 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 4) = 8 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 12 \cdot 17^{15} + 12 \cdot 17^{16} + 8 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 3, 1) = 3 \cdot 17^{12} + 5 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 2, 2) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 15 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 7 \cdot 17^{12} + 15 \cdot 17^{13} + 3 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 3) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 12 \cdot 17^{12} + 17^{13} + 7 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + 8 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 14 \cdot 17^{12} + 12 \cdot 17^{13} + 8 \cdot 17^{14} + 12 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 6) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 5, 1) = 13 \cdot 17^{12} + 17^{14} + 14 \cdot 17^{15} + 12 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 4, 2) = 17^{12} + 12 \cdot 17^{13} + 17^{14} + 8 \cdot 17^{15} + 10 \cdot 17^{16} + 5 \cdot 17^{17} + 5 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 4, 1, 1) = 13 \cdot 17^{12} + 17^{13} + 14 \cdot 17^{14} + 8 \cdot 17^{15} + 17^{16} + 13 \cdot 17^{17} + 9 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 3) = 9 \cdot 17^{12} + 5 \cdot 17^{13} + 7 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 2, 1) = 11 \cdot 17^{12} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 1, 2) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 14 \cdot 17^{14} + 9 \cdot 17^{15} + 16 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 3, 1, 1) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 10 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 4) = 3 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 3 \cdot 17^{16} + 2 \cdot 17^{17} + 3 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 3, 1) = 14 \cdot 17^{12} + 14 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 2, 2) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 2 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 2 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 10 \cdot 17^{15} + 6 \cdot 17^{17} + 5 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 3) = 4 \cdot 17^{12} + 8 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 3 \cdot 17^{14} + 11 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 4 \cdot 17^{12} + 3 \cdot 17^{13} + 9 \cdot 17^{14} + 2 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 5) = 13 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 8 \cdot 17^{16} + 13 \cdot 17^{17} + 11 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 4, 1) = 11 \cdot 17^{12} + 7 \cdot 17^{13} + 7 \cdot 17^{14} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 3, 2) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 4 \cdot 17^{16} + 14 \cdot 17^{17} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 8 \cdot 17^{12} + 4 \cdot 17^{14} + 14 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 3) = 14 \cdot 17^{12} + 10 \cdot 17^{13} + 7 \cdot 17^{14} + 5 \cdot 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{17} + 2 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 9 \cdot 17^{12} + 3 \cdot 17^{15} + 3 \cdot 17^{16} + 4 \cdot 17^{17} + 8 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 12 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 5 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 2 \cdot 17^{12} + 8 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 4) = 2 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{17} + 9 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 8 \cdot 17^{12} + 13 \cdot 17^{13} + 7 \cdot 17^{14} + 9 \cdot 17^{16} + 12 \cdot 17^{17} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 12 \cdot 17^{12} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 8 \cdot 17^{16} + 11 \cdot 17^{17} + 12 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 4 \cdot 17^{14} + 17^{15} + 5 \cdot 17^{16} + 12 \cdot 17^{17} + 9 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 14 \cdot 17^{12} + 16 \cdot 17^{13} + 5 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 8 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 13 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 5 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 12 \cdot 17^{12} + 9 \cdot 17^{13} + 7 \cdot 17^{14} + 10 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 8) = 13 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 7, 1) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 13 \cdot 17^{14} + 11 \cdot 17^{15} + 16 \cdot 17^{17} + 11 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 6, 2) = 15 \cdot 17^{12} + 5 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{15} + 4 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 6, 1, 1) = 15 \cdot 17^{12} + 16 \cdot 17^{13} + 11 \cdot 17^{14} + 2 \cdot 17^{15} + 17^{16} + 15 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 5, 3) = 5 \cdot 17^{12} + 13 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 10 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 5, 2, 1) = 8 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 5, 1, 2) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 17^{16} + 16 \cdot 17^{17} + 14 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 5, 1, 1, 1) = 15 \cdot 17^{12} + 2 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 13 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 4) = 5 \cdot 17^{12} + 14 \cdot 17^{13} + 7 \cdot 17^{14} + 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 3, 1) = 4 \cdot 17^{12} + 13 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 2, 2) = 3 \cdot 17^{12} + 6 \cdot 17^{13} + 15 \cdot 17^{14} + 4 \cdot 17^{15} + 8 \cdot 17^{16} + 10 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 2, 1, 1) = 14 \cdot 17^{12} + 3 \cdot 17^{13} + 12 \cdot 17^{14} + 13 \cdot 17^{15} + 4 \cdot 17^{16} + 11 \cdot 17^{17} + 10 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 3) = 6 \cdot 17^{12} + 17^{13} + 6 \cdot 17^{15} + 6 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 2, 1) = 11 \cdot 17^{12} + 2 \cdot 17^{13} + 14 \cdot 17^{16} + 5 \cdot 17^{17} + 9 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 1, 2) = 10 \cdot 17^{12} + 4 \cdot 17^{13} + 14 \cdot 17^{14} + 10 \cdot 17^{15} + 4 \cdot 17^{16} + 13 \cdot 17^{17} + 3 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{14} + 11 \cdot 17^{15} + 17^{16} + 5 \cdot 17^{17} + 4 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 5) = 9 \cdot 17^{12} + 16 \cdot 17^{13} + 12 \cdot 17^{14} + 8 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 4, 1) = 7 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 3, 2) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{17} + 13 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 3, 1, 1) = 14 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 12 \cdot 17^{15} + 16 \cdot 17^{16} + 15 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 3) = 4 \cdot 17^{13} + 17^{15} + 14 \cdot 17^{16} + 17^{17} + 8 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 2, 1) = 12 \cdot 17^{12} + 10 \cdot 17^{13} + 16 \cdot 17^{14} + 2 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 14 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 1, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{13} + 6 \cdot 17^{14} + 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 7 \cdot 17^{13} + 4 \cdot 17^{14} + 10 \cdot 17^{15} + 13 \cdot 17^{16} + 17^{17} + 7 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 4) = 16 \cdot 17^{12} + 12 \cdot 17^{13} + 14 \cdot 17^{14} + 14 \cdot 17^{15} + 2 \cdot 17^{16} + 5 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 3, 1) = 13 \cdot 17^{12} + 15 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 2, 2) = 6 \cdot 17^{12} + 5 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 16 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 3 \cdot 17^{12} + 8 \cdot 17^{13} + 16 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 3 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1, 3) = 9 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 6 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 14 \cdot 17^{12} + 9 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 16 \cdot 17^{17} + 5 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 10 \cdot 17^{12} + 11 \cdot 17^{13} + 17^{14} + 9 \cdot 17^{15} + 4 \cdot 17^{16} + 2 \cdot 17^{17} + 6 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 3, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 6) = 7 \cdot 17^{12} + 4 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 3 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 5, 1) = 16 \cdot 17^{12} + 9 \cdot 17^{13} + 5 \cdot 17^{14} + 6 \cdot 17^{15} + 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 4, 2) = 7 \cdot 17^{12} + 9 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 4, 1, 1) = 6 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 9 \cdot 17^{15} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 3) = 5 \cdot 17^{12} + 7 \cdot 17^{13} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 13 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 2, 1) = 3 \cdot 17^{12} + 15 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 11 \cdot 17^{16} + 13 \cdot 17^{17} + 2 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 1, 2) = 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 10 \cdot 17^{16} + 11 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 15 \cdot 17^{12} + 11 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 4 \cdot 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 2, 2, 4) = 3 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{14} + 8 \cdot 17^{15} + 11 \cdot 17^{16} + 14 \cdot 17^{17} + 14 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 3, 1) = 12 \cdot 17^{12} + 14 \cdot 17^{13} + 11 \cdot 17^{14} + 7 \cdot 17^{15} + 13 \cdot 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 2, 2) = 5 \cdot 17^{12} + 10 \cdot 17^{13} + 11 \cdot 17^{14} + 12 \cdot 17^{15} + 13 \cdot 17^{16} + 8 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 2, 1, 1) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 17^{16} + 12 \cdot 17^{17} + 2 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 3) = 14 \cdot 17^{12} + 7 \cdot 17^{13} + 13 \cdot 17^{14} + 4 \cdot 17^{15} + 7 \cdot 17^{16} + 12 \cdot 17^{17} + 5 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 2, 1) = 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 9 \cdot 17^{15} + 7 \cdot 17^{16} + 15 \cdot 17^{17} + 16 \cdot 17^{18} + 6 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 1, 2) = 12 \cdot 17^{12} + 4 \cdot 17^{13} + 16 \cdot 17^{14} + 3 \cdot 17^{15} + 12 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 9 \cdot 17^{14} + 13 \cdot 17^{16} + 4 \cdot 17^{17} + 3 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 5) = 4 \cdot 17^{12} + 5 \cdot 17^{13} + 10 \cdot 17^{14} + 13 \cdot 17^{15} + 3 \cdot 17^{16} + 3 \cdot 17^{17} + 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 4, 1) = 7 \cdot 17^{12} + 15 \cdot 17^{13} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 13 \cdot 17^{17} + 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 3, 2) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 4 \cdot 17^{14} + 16 \cdot 17^{15} + 7 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 3, 1, 1) = 8 \cdot 17^{12} + 13 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 15 \cdot 17^{16} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 3) = 16 \cdot 17^{12} + 6 \cdot 17^{13} + 2 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 2, 1) = 15 \cdot 17^{12} + 4 \cdot 17^{13} + 13 \cdot 17^{14} + 16 \cdot 17^{15} + 15 \cdot 17^{16} + 11 \cdot 17^{17} + 6 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 1, 2) = 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 10 \cdot 17^{15} + 3 \cdot 17^{16} + 9 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 10 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 4) = 17^{12} + 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 15 \cdot 17^{16} + 4 \cdot 17^{17} + 5 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 3, 1) = 9 \cdot 17^{12} + 2 \cdot 17^{13} + 9 \cdot 17^{14} + 3 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 4 \cdot 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 2, 2) = 11 \cdot 17^{12} + 10 \cdot 17^{13} + 3 \cdot 17^{14} + 8 \cdot 17^{15} + 5 \cdot 17^{16} + 6 \cdot 17^{17} + 7 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 10 \cdot 17^{12} + 13 \cdot 17^{13} + 13 \cdot 17^{14} + 3 \cdot 17^{15} + 17^{16} + 11 \cdot 17^{17} + 13 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 3) = 16 \cdot 17^{12} + 10 \cdot 17^{13} + 17^{15} + 2 \cdot 17^{16} + 7 \cdot 17^{17} + 9 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 12 \cdot 17^{14} + 7 \cdot 17^{15} + 16 \cdot 17^{16} + 14 \cdot 17^{17} + 8 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 7) = 8 \cdot 17^{12} + 15 \cdot 17^{13} + 15 \cdot 17^{14} + 6 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 6, 1) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 10 \cdot 17^{14} + 17^{15} + 7 \cdot 17^{16} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 5, 2) = 6 \cdot 17^{13} + 15 \cdot 17^{14} + 16 \cdot 17^{15} + 17^{16} + 6 \cdot 17^{17} + 10 \cdot 17^{18} + 3 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 5, 1, 1) = 17^{12} + 15 \cdot 17^{13} + 10 \cdot 17^{14} + 2 \cdot 17^{15} + 7 \cdot 17^{17} + 15 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 3) = 13 \cdot 17^{12} + 5 \cdot 17^{13} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 15 \cdot 17^{17} + 7 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 2, 1) = 9 \cdot 17^{12} + 10 \cdot 17^{13} + 13 \cdot 17^{14} + 7 \cdot 17^{15} + 5 \cdot 17^{16} + 16 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 1, 2) = 9 \cdot 17^{12} + 14 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 14 \cdot 17^{16} + 14 \cdot 17^{17} + 3 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 15 \cdot 17^{12} + 3 \cdot 17^{13} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 9 \cdot 17^{17} + 13 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 4) = 4 \cdot 17^{12} + 16 \cdot 17^{13} + 17^{14} + 13 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{17} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 3, 1) = 4 \cdot 17^{12} + 5 \cdot 17^{14} + 13 \cdot 17^{15} + 12 \cdot 17^{16} + 13 \cdot 17^{17} + 10 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 2, 2) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 17^{17} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 12 \cdot 17^{12} + 17^{13} + 5 \cdot 17^{14} + 4 \cdot 17^{15} + 10 \cdot 17^{16} + 8 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 3) = 7 \cdot 17^{12} + 14 \cdot 17^{13} + 9 \cdot 17^{14} + 9 \cdot 17^{15} + 17^{16} + 16 \cdot 17^{17} + 2 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 6 \cdot 17^{12} + 14 \cdot 17^{13} + 15 \cdot 17^{14} + 2 \cdot 17^{15} + 4 \cdot 17^{16} + 9 \cdot 17^{17} + 17^{18} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 6 \cdot 17^{12} + 15 \cdot 17^{13} + 5 \cdot 17^{14} + 2 \cdot 17^{15} + 5 \cdot 17^{16} + 8 \cdot 17^{17} + 11 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 15 \cdot 17^{12} + 4 \cdot 17^{14} + 11 \cdot 17^{15} + 2 \cdot 17^{17} + 5 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 5) = 2 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{15} + 11 \cdot 17^{16} + 8 \cdot 17^{17} + 10 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 4, 1) = 13 \cdot 17^{12} + 8 \cdot 17^{13} + 6 \cdot 17^{15} + 13 \cdot 17^{16} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 3, 2) = 13 \cdot 17^{12} + 17^{13} + 13 \cdot 17^{14} + 10 \cdot 17^{15} + 9 \cdot 17^{16} + 5 \cdot 17^{17} + 16 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 6 \cdot 17^{13} + 17^{14} + 14 \cdot 17^{15} + 16 \cdot 17^{16} + 6 \cdot 17^{17} + 13 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 3) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 5 \cdot 17^{15} + 8 \cdot 17^{16} + 12 \cdot 17^{17} + 13 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 15 \cdot 17^{12} + 12 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 9 \cdot 17^{17} + 2 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 2 \cdot 17^{12} + 3 \cdot 17^{13} + 17^{14} + 4 \cdot 17^{15} + 11 \cdot 17^{16} + 3 \cdot 17^{17} + 14 \cdot 17^{18} + 9 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 16 \cdot 17^{13} + 5 \cdot 17^{14} + 15 \cdot 17^{15} + 7 \cdot 17^{16} + 4 \cdot 17^{17} + 10 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 4) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 6 \cdot 17^{14} + 3 \cdot 17^{15} + 5 \cdot 17^{16} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 15 \cdot 17^{14} + 13 \cdot 17^{15} + 10 \cdot 17^{16} + 4 \cdot 17^{17} + 16 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 3 \cdot 17^{12} + 14 \cdot 17^{13} + 17^{14} + 12 \cdot 17^{15} + 4 \cdot 17^{16} + 5 \cdot 17^{18} + 10 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 7 \cdot 17^{12} + 3 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 15 \cdot 17^{16} + 5 \cdot 17^{17} + 3 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 3 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 11 \cdot 17^{15} + 7 \cdot 17^{16} + 14 \cdot 17^{17} + 5 \cdot 17^{18} + 7 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 5 \cdot 17^{12} + 8 \cdot 17^{13} + 9 \cdot 17^{14} + 10 \cdot 17^{15} + 5 \cdot 17^{16} + 3 \cdot 17^{17} + 12 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 12 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{15} + 8 \cdot 17^{16} + 14 \cdot 17^{17} + 9 \cdot 17^{18} + 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 6) = 13 \cdot 17^{12} + 17^{13} + 8 \cdot 17^{14} + 7 \cdot 17^{15} + 10 \cdot 17^{16} + 15 \cdot 17^{17} + 3 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 5, 1) = 13 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 10 \cdot 17^{16} + 10 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 4, 2) = 7 \cdot 17^{12} + 7 \cdot 17^{13} + 12 \cdot 17^{14} + 12 \cdot 17^{15} + 9 \cdot 17^{16} + 4 \cdot 17^{17} + 15 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 4 \cdot 17^{12} + 14 \cdot 17^{13} + 3 \cdot 17^{14} + 17^{15} + 13 \cdot 17^{17} + 14 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 3) = 14 \cdot 17^{12} + 6 \cdot 17^{13} + 16 \cdot 17^{14} + 9 \cdot 17^{15} + 12 \cdot 17^{16} + 15 \cdot 17^{17} + 6 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 13 \cdot 17^{13} + 3 \cdot 17^{14} + 6 \cdot 17^{15} + 4 \cdot 17^{16} + 3 \cdot 17^{17} + 11 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 6 \cdot 17^{12} + 10 \cdot 17^{13} + 9 \cdot 17^{14} + 12 \cdot 17^{15} + 7 \cdot 17^{16} + 16 \cdot 17^{17} + 4 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 6 \cdot 17^{12} + 9 \cdot 17^{13} + 6 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 7 \cdot 17^{17} + 5 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 4) = 9 \cdot 17^{12} + 4 \cdot 17^{13} + 8 \cdot 17^{15} + 13 \cdot 17^{16} + 11 \cdot 17^{17} + 8 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 16 \cdot 17^{12} + 16 \cdot 17^{13} + 4 \cdot 17^{14} + 3 \cdot 17^{16} + 13 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 11 \cdot 17^{12} + 12 \cdot 17^{13} + 13 \cdot 17^{14} + 15 \cdot 17^{15} + 3 \cdot 17^{16} + 7 \cdot 17^{17} + 17^{18} + O(17^{20}) \\
\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 15 \cdot 17^{12} + 17^{13} + 11 \cdot 17^{14} + 6 \cdot 17^{15} + 16 \cdot 17^{16} + 10 \cdot 17^{17} + 11 \cdot 17^{18} + 11 \cdot 17^{19} + O(17^{20})
\end{aligned}$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 3) = 11 \cdot 17^{12} + 8 \cdot 17^{13} + 3 \cdot 17^{14} + 13 \cdot 17^{15} + 17^{16} + 10 \cdot 17^{17} + 6 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 8 \cdot 17^{12} + 12 \cdot 17^{13} + 4 \cdot 17^{14} + 6 \cdot 17^{15} + 9 \cdot 17^{17} + 3 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 7 \cdot 17^{12} + 16 \cdot 17^{13} + 7 \cdot 17^{14} + 2 \cdot 17^{15} + 16 \cdot 17^{16} + 12 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 5) = 17^{12} + 15 \cdot 17^{14} + 8 \cdot 17^{15} + 15 \cdot 17^{16} + 15 \cdot 17^{17} + 10 \cdot 17^{18} + 5 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 4, 1) = 14 \cdot 17^{12} + 11 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 9 \cdot 17^{16} + 6 \cdot 17^{18} + 14 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 2) = 12 \cdot 17^{12} + 2 \cdot 17^{13} + 8 \cdot 17^{14} + 14 \cdot 17^{16} + 15 \cdot 17^{17} + 9 \cdot 17^{18} + 12 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 15 \cdot 17^{12} + 6 \cdot 17^{13} + 13 \cdot 17^{15} + 2 \cdot 17^{16} + 4 \cdot 17^{17} + 13 \cdot 17^{18} + 15 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 3) = 13 \cdot 17^{12} + 4 \cdot 17^{13} + 5 \cdot 17^{14} + 5 \cdot 17^{15} + 9 \cdot 17^{16} + 13 \cdot 17^{17} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 7 \cdot 17^{12} + 13 \cdot 17^{13} + 8 \cdot 17^{14} + 9 \cdot 17^{15} + 8 \cdot 17^{16} + 3 \cdot 17^{17} + 13 \cdot 17^{18} + 8 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1, 2) = 7 \cdot 17^{12} + 11 \cdot 17^{13} + 11 \cdot 17^{15} + 6 \cdot 17^{16} + 13 \cdot 17^{17} + 7 \cdot 17^{18} + 16 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 4) = 7 \cdot 17^{12} + 5 \cdot 17^{13} + 14 \cdot 17^{14} + 17^{15} + 8 \cdot 17^{17} + 9 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 3, 1) = 11 \cdot 17^{12} + 2 \cdot 17^{13} + 12 \cdot 17^{14} + 17^{15} + 4 \cdot 17^{16} + 6 \cdot 17^{17} + 16 \cdot 17^{18} + 4 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2, 2) = 9 \cdot 17^{12} + 3 \cdot 17^{13} + 10 \cdot 17^{14} + 11 \cdot 17^{15} + 12 \cdot 17^{16} + 11 \cdot 17^{17} + 15 \cdot 17^{18} + 2 \cdot 17^{19} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 3) = 15 \cdot 17^{12} + 7 \cdot 17^{13} + 16 \cdot 17^{14} + 13 \cdot 17^{15} + 6 \cdot 17^{16} + 8 \cdot 17^{17} + 15 \cdot 17^{18} + O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 2, 1) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 2) = O(17^{20})$$

$$\zeta_{17}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_{17}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(17^{20})$$

8.  $p = 19$  CASE

## 8.1. weight 0 case.

$$\zeta_{19}([\ ])=\zeta_{19}()=1+O(19^{20})$$

## 8.2. weight 1 case.

$$\zeta_{19}([1])=\zeta_{19}(1)=O(19^{20})$$

## 8.3. weight 2 case.

$$\zeta_{19}([1,0])=\zeta_{19}(2)=O(19^{20})$$

$$\zeta_{19}([1,1])=\zeta_{19}(1,1)=O(19^{20})$$

## 8.4. weight 3 case.

$$\zeta_{19}([1,0,0])=\zeta_{19}(3)=14\cdot 19^3+2\cdot 19^4+19^5+5\cdot 19^6+2\cdot 19^7+15\cdot 19^8+10\cdot 19^9+8\cdot 19^{10}+11\cdot 19^{11}+15\cdot 19^{12}+2\cdot 19^{14}+7\cdot 19^{15}+6\cdot 19^{16}+3\cdot 19^{17}+7\cdot 19^{18}+14\cdot 19^{19}+O(19^{20})$$

$$\zeta_{19}([1,0,1])=\zeta_{19}(2,1)=10\cdot 19^3+13\cdot 19^4+16\cdot 19^5+8\cdot 19^6+14\cdot 19^7+7\cdot 19^8+16\cdot 19^9+19^{10}+15\cdot 19^{11}+6\cdot 19^{12}+17\cdot 19^{13}+14\cdot 19^{14}+4\cdot 19^{15}+6\cdot 19^{16}+12\cdot 19^{17}+4\cdot 19^{18}+9\cdot 19^{19}+O(19^{20})$$

$$\zeta_{19}([1,1,0])=\zeta_{19}(1,2)=14\cdot 19^3+2\cdot 19^4+19^5+5\cdot 19^6+2\cdot 19^7+15\cdot 19^8+10\cdot 19^9+8\cdot 19^{10}+11\cdot 19^{11}+15\cdot 19^{12}+2\cdot 19^{14}+7\cdot 19^{15}+6\cdot 19^{16}+3\cdot 19^{17}+7\cdot 19^{18}+14\cdot 19^{19}+O(19^{20})$$

$$\zeta_{19}([1,1,1])=\zeta_{19}(1,1,1)=O(19^{20})$$

## 8.5. weight 4 case.

$$\zeta_{19}([1,0,0,0])=\zeta_{19}(4)=O(19^{20})$$

$$\zeta_{19}([1,0,0,1])=\zeta_{19}(3,1)=O(19^{20})$$

$$\zeta_{19}([1,0,1,0])=\zeta_{19}(2,2)=O(19^{20})$$

$$\zeta_{19}([1,0,1,1])=\zeta_{19}(2,1,1)=O(19^{20})$$

$$\zeta_{19}([1,1,0,0])=\zeta_{19}(1,3)=O(19^{20})$$

$$\zeta_{19}([1,1,0,1])=\zeta_{19}(1,2,1)=O(19^{20})$$

$$\zeta_{19}([1,1,1,0])=\zeta_{19}(1,1,2)=O(19^{20})$$

$$\zeta_{19}([1,1,1,1])=\zeta_{19}(1,1,1,1)=O(19^{20})$$



$$\begin{aligned}
& \zeta_{19}([1, 0, 1, 1, 1, 1]) = \zeta_{19}(2, 1, 1, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 0, 0, 0]) = \zeta_{19}(1, 5) = 16 \cdot 19^6 + 4 \cdot 19^7 + 19^8 + 3 \cdot 19^9 + 5 \cdot 19^{10} + 16 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 0, 0, 1]) = \zeta_{19}(1, 4, 1) = 9 \cdot 19^6 + 4 \cdot 19^7 + 15 \cdot 19^8 + 9 \cdot 19^9 + 3 \cdot 19^{10} + 8 \cdot 19^{11} + 18 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 0, 1, 0]) = \zeta_{19}(1, 3, 2) = 10 \cdot 19^6 + 14 \cdot 19^7 + 3 \cdot 19^8 + 9 \cdot 19^9 + 15 \cdot 19^{10} + 10 \cdot 19^{11} + 11 \cdot 19^{13} + 5 \cdot 19^{15} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 0, 1, 1]) = \zeta_{19}(1, 3, 1, 1) = 3 \cdot 19^6 + 14 \cdot 19^7 + 17 \cdot 19^8 + 15 \cdot 19^9 + 13 \cdot 19^{10} + 2 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 1, 0, 0]) = \zeta_{19}(1, 2, 3) = 18 \cdot 19^6 + 8 \cdot 19^7 + 11 \cdot 19^8 + 7 \cdot 19^{10} + 16 \cdot 19^{11} + 17 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 1, 0, 1]) = \zeta_{19}(1, 2, 2, 1) = 14 \cdot 19^6 + 10 \cdot 19^8 + 5 \cdot 19^9 + 3 \cdot 19^{10} + 16 \cdot 19^{11} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 1, 1, 0]) = \zeta_{19}(1, 2, 1, 2) = 3 \cdot 19^6 + 14 \cdot 19^7 + 17 \cdot 19^8 + 15 \cdot 19^9 + 13 \cdot 19^{10} + 2 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 0, 1, 1, 1]) = \zeta_{19}(1, 2, 1, 1, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 0, 0, 0]) = \zeta_{19}(1, 1, 4) = 13 \cdot 19^6 + 9 \cdot 19^7 + 2 \cdot 19^8 + 6 \cdot 19^9 + 10 \cdot 19^{10} + 13 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 0, 0, 1]) = \zeta_{19}(1, 1, 3, 1) = 6 \cdot 19^6 + 9 \cdot 19^7 + 16 \cdot 19^8 + 12 \cdot 19^9 + 8 \cdot 19^{10} + 5 \cdot 19^{11} + 12 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 0, 1, 0]) = \zeta_{19}(1, 1, 2, 2) = 6 \cdot 19^6 + 9 \cdot 19^7 + 16 \cdot 19^8 + 12 \cdot 19^9 + 8 \cdot 19^{10} + 5 \cdot 19^{11} + 12 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 0, 1, 1]) = \zeta_{19}(1, 1, 2, 1, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 0, 0]) = \zeta_{19}(1, 1, 1, 3) = 16 \cdot 19^6 + 4 \cdot 19^7 + 19^8 + 3 \cdot 19^9 + 5 \cdot 19^{10} + 16 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 0, 1]) = \zeta_{19}(1, 1, 1, 2, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 2) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 1) = O(19^{20})
\end{aligned}$$

### 8.8. weight 7 case.

$$\begin{aligned}
& \zeta_{19}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{19}(7) = 3 \cdot 19^7 + 17 \cdot 19^8 + 7 \cdot 19^9 + 17 \cdot 19^{10} + 18 \cdot 19^{11} + 5 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{19}(6, 1) = 7 \cdot 19^7 + 7 \cdot 19^8 + 6 \cdot 19^9 + 6 \cdot 19^{10} + 14 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{19}(5, 2) = 11 \cdot 19^7 + 3 \cdot 19^9 + 3 \cdot 19^{10} + 18 \cdot 19^{11} + 2 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{19}(5, 1, 1) = 13 \cdot 19^7 + 3 \cdot 19^8 + 3 \cdot 19^9 + 3 \cdot 19^{10} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{19}(4, 3) = 3 \cdot 19^7 + 14 \cdot 19^8 + 9 \cdot 19^9 + 9 \cdot 19^{10} + 19^{11} + 6 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{19}(4, 2, 1) = 18 \cdot 19^7 + 6 \cdot 19^8 + 3 \cdot 19^9 + 11 \cdot 19^{10} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{19}(4, 1, 2) = 11 \cdot 19^7 + 2 \cdot 19^8 + 15 \cdot 19^9 + 18 \cdot 19^{10} + 15 \cdot 19^{11} + 14 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{19}(4, 1, 1, 1) = 14 \cdot 19^7 + 13 \cdot 19^8 + 6 \cdot 19^9 + 14 \cdot 19^{10} + 19^{11} + 3 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{19}(3, 4) = 13 \cdot 19^7 + 6 \cdot 19^8 + 19^9 + 11 \cdot 19^{10} + 17 \cdot 19^{11} + 6 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{15} + 19^{16} + 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{19}(3, 3, 1) = 7 \cdot 19^7 + 9 \cdot 19^8 + 18 \cdot 19^9 + 2 \cdot 19^{10} + 17 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{19}(3, 2, 2) = 6 \cdot 19^7 + 13 \cdot 19^8 + 4 \cdot 19^9 + 6 \cdot 19^{10} + 18 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{19}(3, 2, 1, 1) = 4 \cdot 19^7 + 10 \cdot 19^8 + 3 \cdot 19^9 + 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{19}(3, 1, 3) = 4 \cdot 19^7 + 5 \cdot 19^8 + 12 \cdot 19^9 + 14 \cdot 19^{10} + 4 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{19}(3, 1, 2, 1) = 10 \cdot 19^7 + 6 \cdot 19^8 + 19^9 + 3 \cdot 19^{10} + 18 \cdot 19^{11} + 6 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{19}(3, 1, 1, 2) = 11 \cdot 19^7 + 2 \cdot 19^8 + 15 \cdot 19^9 + 18 \cdot 19^{10} + 15 \cdot 19^{11} + 14 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 1) = 14 \cdot 19^7 + 13 \cdot 19^8 + 6 \cdot 19^9 + 14 \cdot 19^{10} + 19^{11} + 3 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 2) = 9 \cdot 19^7 + 15 \cdot 19^8 + 16 \cdot 19^9 + 10 \cdot 19^{10} + 16 \cdot 19^{11} + 10 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1) = 9 \cdot 19^7 + 13 \cdot 19^8 + 4 \cdot 19^9 + 14 \cdot 19^{10} + 18 \cdot 19^{11} + 17 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 3) = 12 \cdot 19^7 + 7 \cdot 19^8 + 8 \cdot 19^9 + 6 \cdot 19^{10} + 2 \cdot 19^{11} + 18 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1) = 11 \cdot 19^7 + 3 \cdot 19^9 + 3 \cdot 19^{10} + 18 \cdot 19^{11} + 2 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2) = 13 \cdot 19^7 + 6 \cdot 19^8 + 19^9 + 11 \cdot 19^{10} + 17 \cdot 19^{11} + 6 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{15} + 19^{16} + 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1) = 16 \cdot 19^7 + 17 \cdot 19^8 + 12 \cdot 19^9 + 12 \cdot 19^{10} + 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 4) = 15 \cdot 19^7 + 9 \cdot 19^8 + 19^9 + 11 \cdot 19^{10} + 18 \cdot 19^{11} + 10 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1) = 7 \cdot 19^7 + 7 \cdot 19^8 + 6 \cdot 19^9 + 6 \cdot 19^{10} + 14 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2) = 5 \cdot 19^7 + 19^8 + 8 \cdot 19^9 + 17 \cdot 19^{10} + 10 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{15} + 6 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1) = 7 \cdot 19^7 + 10 \cdot 19^8 + 4 \cdot 19^9 + 14 \cdot 19^{10} + 17 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3) = 9 \cdot 19^7 + 13 \cdot 19^8 + 4 \cdot 19^9 + 14 \cdot 19^{10} + 18 \cdot 19^{11} + 17 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1) = 19^7 + 11 \cdot 19^8 + 9 \cdot 19^9 + 9 \cdot 19^{10} + 2 \cdot 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{14} + 5 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2) = 3 \cdot 19^7 + 17 \cdot 19^8 + 7 \cdot 19^9 + 17 \cdot 19^{10} + 18 \cdot 19^{11} + 5 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1) = O(19^{20})
\end{aligned}$$

### 8.9. weight 8 case.

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(8) = O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(7, 1) = 17 \cdot 19^8 + 6 \cdot 19^9 + 19^{10} + 7 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(6, 2) = 5 \cdot 19^8 + 11 \cdot 19^9 + 17 \cdot 19^{10} + 10 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(6, 1, 1) = 3 \cdot 19^8 + 18 \cdot 19^9 + 14 \cdot 19^{10} + 17 \cdot 19^{11} + 3 \cdot 19^{13} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(5, 3) = 5 \cdot 19^8 + 19^9 + 17 \cdot 19^{10} + 10 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(5, 2, 1) = 7 \cdot 19^8 + 8 \cdot 19^9 + 6 \cdot 19^{10} + 4 \cdot 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(5, 1, 2) = 19^8 + 15 \cdot 19^9 + 10 \cdot 19^{10} + 6 \cdot 19^{11} + 5 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(5, 1, 1, 1) = 11 \cdot 19^8 + 4 \cdot 19^9 + 13 \cdot 19^{10} + 8 \cdot 19^{11} + 17 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 5 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 4) = O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 3, 1) = 17 \cdot 19^8 + 2 \cdot 19^9 + 4 \cdot 19^{10} + 7 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 2, 2) = 3 \cdot 19^8 + 9 \cdot 19^9 + 18 \cdot 19^{10} + 16 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 2, 1, 1) = 19^8 + 10 \cdot 19^9 + 10 \cdot 19^{10} + 6 \cdot 19^{11} + 17 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 3) = 11 \cdot 19^8 + 9 \cdot 19^9 + 11 \cdot 19^{10} + 8 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 2, 1) = 8 \cdot 19^8 + 14 \cdot 19^9 + 6 \cdot 19^{10} + 9 \cdot 19^{11} + 8 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 2) = 18 \cdot 19^8 + 2 \cdot 19^9 + 3 \cdot 19^{10} + 14 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 1) = 13 \cdot 19^8 + 16 \cdot 19^9 + 11 \cdot 19^{10} + 19^{11} + 2 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 5) = 12 \cdot 19^8 + 5 \cdot 19^9 + 3 \cdot 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 4, 1) = 18 \cdot 19^8 + 16 \cdot 19^9 + 16 \cdot 19^{10} + 12 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 3, 2) = 16 \cdot 19^8 + 15 \cdot 19^9 + 16 \cdot 19^{10} + 18 \cdot 19^{11} + 8 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 3, 1, 1) = 13 \cdot 19^8 + 6 \cdot 19^9 + 14 \cdot 19^{10} + 2 \cdot 19^{11} + 9 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 3) = 18 \cdot 19^8 + 10 \cdot 19^9 + 8 \cdot 19^{10} + 15 \cdot 19^{11} + 2 \cdot 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 2, 1) = 2 \cdot 19^8 + 4 \cdot 19^9 + 7 \cdot 19^{10} + 11 \cdot 19^{11} + 18 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 2) = 13 \cdot 19^8 + 12 \cdot 19^9 + 14 \cdot 19^{10} + 18 \cdot 19^{11} + 17 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 1) = 2 \cdot 19^8 + 11 \cdot 19^9 + 13 \cdot 19^{10} + 12 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 4) = 12 \cdot 19^8 + 5 \cdot 19^9 + 12 \cdot 19^{10} + 14 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 3, 1) = 19^8 + 6 \cdot 19^9 + 18 \cdot 19^{10} + 5 \cdot 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 2) = 5 \cdot 19^8 + 15 \cdot 19^9 + 12 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 1) = 17 \cdot 19^8 + 19^9 + 13 \cdot 19^{10} + 7 \cdot 19^{11} + 16 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 3) = 17 \cdot 19^8 + 2 \cdot 19^9 + 3 \cdot 19^{10} + 6 \cdot 19^{11} + 5 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 1) = 9 \cdot 19^8 + 6 \cdot 19^9 + 10 \cdot 19^{10} + 15 \cdot 19^{11} + 16 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 2) = 19^8 + 15 \cdot 19^9 + 10 \cdot 19^{10} + 6 \cdot 19^{11} + 5 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1) = 7 \cdot 19^8 + 4 \cdot 19^9 + 12 \cdot 19^{10} + 3 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 6) = 14 \cdot 19^8 + 7 \cdot 19^9 + 19^{10} + 8 \cdot 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{14} + 19^{15} + 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 5, 1) = 8 \cdot 19^8 + 6 \cdot 19^9 + 2 \cdot 19^{10} + 9 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 4, 2) = 8 \cdot 19^8 + 8 \cdot 19^9 + 2 \cdot 19^{10} + 12 \cdot 19^{11} + 9 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 4, 1, 1) = 18 \cdot 19^8 + 17 \cdot 19^9 + 5 \cdot 19^{10} + 12 \cdot 19^{11} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 3) = 6 \cdot 19^8 + 4 \cdot 19^9 + 11 \cdot 19^{10} + 15 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 2, 1) = 16 \cdot 19^8 + 18 \cdot 19^9 + 14 \cdot 19^{10} + 19^{11} + 17 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 2) = 5 \cdot 19^8 + 15 \cdot 19^9 + 12 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 1) = 5 \cdot 19^8 + 2 \cdot 19^9 + 17 \cdot 19^{10} + 9 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 4) = 8 \cdot 19^8 + 19^9 + 17 \cdot 19^{10} + 8 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 3, 1) = 12 \cdot 19^8 + 4 \cdot 19^9 + 2 \cdot 19^{10} + 15 \cdot 19^{11} + 6 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 2) = O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 1) = 8 \cdot 19^8 + 10 \cdot 19^9 + 13 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 3) = 8 \cdot 19^9 + 9 \cdot 19^{10} + 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 1) = 18 \cdot 19^8 + 13 \cdot 19^9 + 7 \cdot 19^{10} + 13 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 2) = 3 \cdot 19^8 + 9 \cdot 19^9 + 18 \cdot 19^{10} + 16 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1) = 3 \cdot 19^8 + 17 \cdot 19^9 + 10 \cdot 19^{10} + 18 \cdot 19^{11} + 8 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 5) = 15 \cdot 19^8 + 13 \cdot 19^9 + 4 \cdot 19^{10} + 14 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 4, 1) = 9 \cdot 19^8 + 10 \cdot 19^9 + 7 \cdot 19^{10} + 17 \cdot 19^{11} + 2 \cdot 19^{13} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 2) = 12 \cdot 19^8 + 7 \cdot 19^9 + 2 \cdot 19^{10} + 12 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 1) = 9 \cdot 19^9 + 11 \cdot 19^{10} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 3) = 13 \cdot 19^8 + 5 \cdot 19^9 + 8 \cdot 19^{10} + 3 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 1) = 8 \cdot 19^8 + 10 \cdot 19^9 + 12 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 12 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 2) = 16 \cdot 19^8 + 15 \cdot 19^9 + 16 \cdot 19^{10} + 18 \cdot 19^{11} + 8 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1) = 13 \cdot 19^8 + 19^9 + 5 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 9 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 4) = 3 \cdot 19^8 + 18 \cdot 19^9 + 10 \cdot 19^{10} + 17 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 1) = 16 \cdot 19^8 + 10 \cdot 19^9 + 4 \cdot 19^{10} + 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 2) = 8 \cdot 19^8 + 8 \cdot 19^9 + 2 \cdot 19^{10} + 12 \cdot 19^{11} + 9 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1) = 14 \cdot 19^8 + 8 \cdot 19^9 + 8 \cdot 19^{10} + 6 \cdot 19^{11} + 18 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 3) = 19^8 + 2 \cdot 19^9 + 5 \cdot 19^{10} + 5 \cdot 19^{11} + 10 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1) = 3 \cdot 19^8 + 17 \cdot 19^9 + 10 \cdot 19^{10} + 18 \cdot 19^{11} + 8 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2) = 5 \cdot 19^8 + 11 \cdot 19^9 + 17 \cdot 19^{10} + 10 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 7) = 2 \cdot 19^8 + 12 \cdot 19^9 + 17 \cdot 19^{10} + 11 \cdot 19^{11} + 3 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 6, 1) = 10 \cdot 19^8 + 2 \cdot 19^9 + 8 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 5, 2) = 19^8 + 2 \cdot 19^9 + 5 \cdot 19^{10} + 5 \cdot 19^{11} + 10 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 5, 1, 1) = 15 \cdot 19^8 + 13 \cdot 19^9 + 2 \cdot 19^{10} + 14 \cdot 19^{11} + 11 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 3) = 5 \cdot 19^8 + 5 \cdot 19^9 + 5 \cdot 19^{10} + 11 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 2, 1) = 19^8 + 2 \cdot 19^9 + 6 \cdot 19^{11} + 13 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 2) = 17 \cdot 19^8 + 2 \cdot 19^9 + 3 \cdot 19^{10} + 6 \cdot 19^{11} + 5 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 1) = 18 \cdot 19^8 + 16 \cdot 19^9 + 17 \cdot 19^{10} + 13 \cdot 19^{11} + 17 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 4) = 15 \cdot 19^8 + 9 \cdot 19^9 + 5 \cdot 19^{10} + 14 \cdot 19^{11} + 8 \cdot 19^{12} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 3, 1) = 17 \cdot 19^8 + 19^9 + 10 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 2) = 8 \cdot 19^9 + 9 \cdot 19^{10} + 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 1) = 14 \cdot 19^8 + 4 \cdot 19^9 + 7 \cdot 19^{10} + 6 \cdot 19^{11} + 6 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{15} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 3) = O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 1) = 8 \cdot 19^8 + 15 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 2) = 11 \cdot 19^8 + 9 \cdot 19^9 + 11 \cdot 19^{10} + 8 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1) = 9 \cdot 19^9 + 11 \cdot 19^{10} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 5) = 8 \cdot 19^8 + 4 \cdot 19^9 + 7 \cdot 19^{10} + 10 \cdot 19^{11} + 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 4, 1) = 16 \cdot 19^8 + 16 \cdot 19^9 + 15 \cdot 19^{10} + 18 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 2) = 13 \cdot 19^8 + 5 \cdot 19^9 + 8 \cdot 19^{10} + 3 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 1) = 17 \cdot 19^8 + 10 \cdot 19^9 + 3 \cdot 19^{10} + 8 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{14} + 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 3) = 3 \cdot 19^9 + 16 \cdot 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 1) = 4 \cdot 19^8 + 3 \cdot 19^9 + 4 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 2) = 18 \cdot 19^8 + 10 \cdot 19^9 + 8 \cdot 19^{10} + 15 \cdot 19^{11} + 2 \cdot 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1) = 2 \cdot 19^9 + 11 \cdot 19^{10} + 16 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 4) = 7 \cdot 19^8 + 8 \cdot 19^9 + 12 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 1) = 10 \cdot 19^8 + 7 \cdot 19^9 + 13 \cdot 19^{10} + 2 \cdot 19^{11} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 2) = 6 \cdot 19^8 + 4 \cdot 19^9 + 11 \cdot 19^{10} + 15 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1) = 7 \cdot 19^8 + 3 \cdot 19^9 + 8 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 3) = 5 \cdot 19^8 + 5 \cdot 19^9 + 5 \cdot 19^{10} + 11 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1) = 18 \cdot 19^8 + 13 \cdot 19^9 + 7 \cdot 19^{10} + 13 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2) = 5 \cdot 19^8 + 19^9 + 17 \cdot 19^{10} + 10 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 6) = 6 \cdot 19^8 + 17 \cdot 19^9 + 14 \cdot 19^{10} + 16 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 5, 1) = 4 \cdot 19^8 + 9 \cdot 19^9 + 8 \cdot 19^{10} + 5 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 2) = 3 \cdot 19^8 + 18 \cdot 19^9 + 10 \cdot 19^{10} + 17 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 1) = 16 \cdot 19^8 + 15 \cdot 19^9 + 3 \cdot 19^{10} + 13 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 3) = 7 \cdot 19^8 + 8 \cdot 19^9 + 12 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 1) = 3 \cdot 19^8 + 8 \cdot 19^9 + 15 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 2) = 12 \cdot 19^8 + 5 \cdot 19^9 + 12 \cdot 19^{10} + 14 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 4) = 11 \cdot 19^8 + 17 \cdot 19^9 + 8 \cdot 19^{10} + 9 \cdot 19^{11} + 18 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 1) = 6 \cdot 19^8 + 18 \cdot 19^9 + 18 \cdot 19^{10} + 15 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 2) = 8 \cdot 19^8 + 19^9 + 17 \cdot 19^{10} + 8 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1) = 8 \cdot 19^8 + 8 \cdot 19^9 + 2 \cdot 19^{10} + 12 \cdot 19^{11} + 9 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 3) = 15 \cdot 19^8 + 9 \cdot 19^9 + 5 \cdot 19^{10} + 14 \cdot 19^{11} + 8 \cdot 19^{12} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1) = 9 \cdot 19^8 + 15 \cdot 19^9 + 5 \cdot 19^{10} + 15 \cdot 19^{11} + 12 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 5) = 8 \cdot 19^8 + 10 \cdot 19^9 + 13 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 1) = 4 \cdot 19^8 + 9 \cdot 19^9 + 8 \cdot 19^{10} + 5 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 2) = 15 \cdot 19^8 + 13 \cdot 19^9 + 4 \cdot 19^{10} + 14 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1) = 17 \cdot 19^8 + 16 \cdot 19^9 + 8 \cdot 19^{10} + 6 \cdot 19^{11} + 2 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 3) = 8 \cdot 19^8 + 4 \cdot 19^9 + 7 \cdot 19^{10} + 10 \cdot 19^{11} + 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1) = 19^8 + 7 \cdot 19^9 + 5 \cdot 19^{10} + 5 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2) = 12 \cdot 19^8 + 5 \cdot 19^9 + 3 \cdot 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
& \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 2, 1, 1, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 4) = 6 \cdot 19^8 + 17 \cdot 19^9 + 14 \cdot 19^{10} + 16 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 3, 1) = 12 \cdot 19^8 + 14 \cdot 19^9 + 6 \cdot 19^{10} + 15 \cdot 19^{11} + 10 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 2, 2) = 14 \cdot 19^8 + 7 \cdot 19^9 + 19^{10} + 8 \cdot 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{14} + 19^{15} + 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 2, 1, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 3) = 2 \cdot 19^8 + 12 \cdot 19^9 + 17 \cdot 19^{10} + 11 \cdot 19^{11} + 3 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 2, 1) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 1, 2) = O(19^{20}) \\
& \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20})
\end{aligned}$$

### 8.10. weight 9 case.

$$\begin{aligned}
& \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{19}(9) = 18 \cdot 19^9 + 6 \cdot 19^{10} + 4 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{19}(8, 1) = 5 \cdot 19^9 + 3 \cdot 19^{10} + 16 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{19}(7, 2) = 11 \cdot 19^9 + 7 \cdot 19^{10} + 7 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{19}(7, 1, 1) = 15 \cdot 19^9 + 13 \cdot 19^{10} + 11 \cdot 19^{11} + 14 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{19}(6, 3) = 14 \cdot 19^9 + 8 \cdot 19^{10} + 4 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{19}(6, 2, 1) = 10 \cdot 19^9 + 10 \cdot 19^{10} + 12 \cdot 19^{11} + 16 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 7 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{19}(6, 1, 2) = 10 \cdot 19^9 + 14 \cdot 19^{10} + 2 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{19}(6, 1, 1, 1) = 3 \cdot 19^9 + 13 \cdot 19^{10} + 5 \cdot 19^{11} + 5 \cdot 19^{12} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{19}(5, 4) = 4 \cdot 19^9 + 16 \cdot 19^{10} + 6 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{19}(5, 3, 1) = 8 \cdot 19^9 + 4 \cdot 19^{10} + 4 \cdot 19^{11} + 15 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{19}(5, 2, 2) = 10 \cdot 19^9 + 18 \cdot 19^{10} + 4 \cdot 19^{11} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{19}(5, 2, 1, 1) = 14 \cdot 19^9 + 10 \cdot 19^{10} + 3 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{19}(5, 1, 3) = 17 \cdot 19^9 + 4 \cdot 19^{10} + 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{19}(5, 1, 2, 1) = 4 \cdot 19^9 + 16 \cdot 19^{10} + 8 \cdot 19^{11} + 18 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{19}(5, 1, 1, 2) = 2 \cdot 19^9 + 2 \cdot 19^{10} + 8 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{19}(5, 1, 1, 1, 1) = 16 \cdot 19^9 + 16 \cdot 19^{10} + 16 \cdot 19^{11} + 9 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{19}(4, 5) = 16 \cdot 19^9 + 14 \cdot 19^{10} + 7 \cdot 19^{11} + 17 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{19}(4, 4, 1) = 18 \cdot 19^9 + 9 \cdot 19^{10} + 14 \cdot 19^{11} + 10 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{19}(4, 3, 2) = 13 \cdot 19^9 + 4 \cdot 19^{10} + 16 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{19}(4, 3, 1, 1) = 16 \cdot 19^9 + 12 \cdot 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{19}(4, 2, 3) = 13 \cdot 19^9 + 15 \cdot 19^{10} + 5 \cdot 19^{11} + 6 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{19}(4, 2, 2, 1) = 2 \cdot 19^9 + 18 \cdot 19^{10} + 16 \cdot 19^{11} + 19^{12} + 13 \cdot 19^{13} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
& \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{19}(4, 2, 1, 2) = 11 \cdot 19^9 + 19^{10} + 4 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 2, 1, 1, 1) = 6 \cdot 19^9 + 9 \cdot 19^{10} + 17 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 4) = 4 \cdot 19^{11} + 9 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 3, 1) = 2 \cdot 19^9 + 9 \cdot 19^{10} + 6 \cdot 19^{11} + 13 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 2, 2) = 7 \cdot 19^9 + 11 \cdot 19^{10} + 8 \cdot 19^{11} + 12 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 2, 1, 1) = 16 \cdot 19^9 + 9 \cdot 19^{10} + 15 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 3) = 7 \cdot 19^9 + 3 \cdot 19^{10} + 15 \cdot 19^{11} + 17 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 2, 1) = 17 \cdot 19^9 + 9 \cdot 19^{10} + 4 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 2) = 2 \cdot 19^9 + 2 \cdot 19^{10} + 8 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 1) = 5 \cdot 19^9 + 9 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 6) = 6 \cdot 19^9 + 3 \cdot 19^{10} + 10 \cdot 19^{11} + 2 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 5, 1) = 8 \cdot 19^9 + 4 \cdot 19^{10} + 4 \cdot 19^{11} + 15 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 4, 2) = 15 \cdot 19^9 + 4 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 4, 1, 1) = 14 \cdot 19^9 + 12 \cdot 19^{10} + 13 \cdot 19^{11} + 10 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 3, 3) = 19^9 + 7 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 3, 2, 1) = 5 \cdot 19^9 + 11 \cdot 19^{10} + 9 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 3, 1, 2) = 3 \cdot 19^9 + 3 \cdot 19^{10} + 18 \cdot 19^{11} + 6 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 3, 1, 1, 1) = 10 \cdot 19^9 + 12 \cdot 19^{10} + 5 \cdot 19^{11} + 6 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 4) = 12 \cdot 19^9 + 17 \cdot 19^{10} + 11 \cdot 19^{11} + 7 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 3, 1) = 5 \cdot 19^9 + 15 \cdot 19^{10} + 15 \cdot 19^{11} + 2 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 2, 2) = 11 \cdot 19^9 + 7 \cdot 19^{10} + 13 \cdot 19^{11} + 2 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 2, 1, 1) = 14 \cdot 19^9 + 11 \cdot 19^{10} + 5 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 3) = 19^9 + 15 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 2, 1) = 5 \cdot 19^9 + 8 \cdot 19^{10} + 10 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 2) = 11 \cdot 19^9 + 19^{10} + 4 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 1) = 13 \cdot 19^9 + 7 \cdot 19^{10} + 17 \cdot 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 5) = 11 \cdot 19^9 + 3 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 4, 1) = 14 \cdot 19^9 + 13 \cdot 19^{10} + 9 \cdot 19^{11} + 2 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 3, 2) = 15 \cdot 19^9 + 12 \cdot 19^{10} + 13 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 3, 1, 1) = 11 \cdot 19^9 + 5 \cdot 19^{10} + 14 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 3) = 8 \cdot 19^9 + 5 \cdot 19^{10} + 10 \cdot 19^{11} + 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 2, 1) = 10 \cdot 19^9 + 10 \cdot 19^{11} + 14 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 2) = 3 \cdot 19^9 + 3 \cdot 19^{10} + 18 \cdot 19^{11} + 6 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 1) = 11 \cdot 19^9 + 3 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 4) = 17 \cdot 19^9 + 14 \cdot 19^{10} + 17 \cdot 19^{11} + 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 3, 1) = 15 \cdot 19^9 + 19^{10} + 10 \cdot 19^{11} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 2) = 9 \cdot 19^9 + 13 \cdot 19^{10} + 12 \cdot 19^{11} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 1) = 11 \cdot 19^9 + 9 \cdot 19^{10} + 2 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 3) = 12 \cdot 19^9 + 17 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 1) = 19^9 + 13 \cdot 19^{10} + 16 \cdot 19^{11} + 9 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 2) = 10 \cdot 19^9 + 14 \cdot 19^{10} + 2 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^{10} + 15 \cdot 19^{11} + 16 \cdot 19^{12} + 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 7) = 9 \cdot 19^9 + 4 \cdot 19^{10} + 14 \cdot 19^{11} + 13 \cdot 19^{12} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 6, 1) = 18 \cdot 19^9 + 2 \cdot 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 5, 2) = 3 \cdot 19^9 + 15 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 5, 1, 1) = 16 \cdot 19^9 + 4 \cdot 19^{10} + 5 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 4, 3) = 19^9 + 13 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 4, 2, 1) = 19^9 + 2 \cdot 19^{10} + 5 \cdot 19^{11} + 15 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 4, 1, 2) = 9 \cdot 19^9 + 13 \cdot 19^{10} + 12 \cdot 19^{11} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 4, 1, 1, 1) = 7 \cdot 19^9 + 6 \cdot 19^{10} + 10 \cdot 19^{11} + 13 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 4) = 19^9 + 15 \cdot 19^{10} + 9 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 3, 1) = 8 \cdot 19^9 + 11 \cdot 19^{10} + 11 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 2, 2) = 6 \cdot 19^9 + 12 \cdot 19^{10} + 9 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 2, 1, 1) = 17 \cdot 19^9 + 7 \cdot 19^{10} + 15 \cdot 19^{11} + 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 3) = 4 \cdot 19^9 + 8 \cdot 19^{10} + 14 \cdot 19^{11} + 8 \cdot 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 2, 1) = 17 \cdot 19^9 + 16 \cdot 19^{10} + 7 \cdot 19^{11} + 15 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 2) = 7 \cdot 19^9 + 11 \cdot 19^{10} + 8 \cdot 19^{11} + 12 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 1) = 4 \cdot 19^9 + 11 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 5) = 5 \cdot 19^9 + 11 \cdot 19^{10} + 16 \cdot 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 4, 1) = 5 \cdot 19^9 + 18 \cdot 19^{10} + 18 \cdot 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 3, 2) = 14 \cdot 19^9 + 17 \cdot 19^{10} + 13 \cdot 19^{11} + 5 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 3, 1, 1) = 5 \cdot 19^9 + 19^{10} + 19^{11} + 18 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 3) = 8 \cdot 19^9 + 12 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 2, 1) = 17 \cdot 19^9 + 13 \cdot 19^{10} + 8 \cdot 19^{11} + 15 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 2) = 11 \cdot 19^9 + 7 \cdot 19^{10} + 13 \cdot 19^{11} + 2 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 1) = 8 \cdot 19^9 + 3 \cdot 19^{10} + 2 \cdot 19^{11} + 13 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 4) = 16 \cdot 19^9 + 14 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 3, 1) = 4 \cdot 19^9 + 6 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 2) = 6 \cdot 19^9 + 12 \cdot 19^{10} + 9 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 1) = 16 \cdot 19^9 + 5 \cdot 19^{10} + 17 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 3) = 19^9 + 6 \cdot 19^{10} + 5 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 1) = 3 \cdot 19^9 + 18 \cdot 19^{10} + 11 \cdot 19^{11} + 8 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 2) = 10 \cdot 19^9 + 18 \cdot 19^{10} + 4 \cdot 19^{11} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1) = 10 \cdot 19^9 + 4 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 6) = 15 \cdot 19^9 + 18 \cdot 19^{10} + 11 \cdot 19^{11} + 14 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 5, 1) = 2 \cdot 19^{10} + 14 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 4, 2) = 17 \cdot 19^9 + 10 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 4, 1, 1) = 7 \cdot 19^9 + 5 \cdot 19^{10} + 6 \cdot 19^{11} + 5 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 3) = 13 \cdot 19^9 + 5 \cdot 19^{10} + 10 \cdot 19^{11} + 10 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 2, 1) = 12 \cdot 19^9 + 7 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 10 \cdot 19^{13} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 2) = 15 \cdot 19^9 + 12 \cdot 19^{10} + 13 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 1) = 17 \cdot 19^9 + 5 \cdot 19^{10} + 18 \cdot 19^{11} + 9 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 4) = 11 \cdot 19^9 + 19^{10} + 13 \cdot 19^{11} + 14 \cdot 19^{12} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 3, 1) = 18 \cdot 19^9 + 7 \cdot 19^{10} + 6 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 2) = 14 \cdot 19^9 + 17 \cdot 19^{10} + 13 \cdot 19^{11} + 5 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 1) = 8 \cdot 19^9 + 4 \cdot 19^{11} + 7 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 3) = 5 \cdot 19^9 + 13 \cdot 19^{10} + 6 \cdot 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 1) = 9 \cdot 19^9 + 14 \cdot 19^{10} + 4 \cdot 19^{11} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 2) = 13 \cdot 19^9 + 4 \cdot 19^{10} + 16 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1) = 17 \cdot 19^9 + 14 \cdot 19^{10} + 19^{11} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 5) = 17 \cdot 19^9 + 5 \cdot 19^{10} + 13 \cdot 19^{11} + 12 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 4, 1) = 19^9 + 10 \cdot 19^{10} + 2 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 2) = 17 \cdot 19^9 + 10 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 1) = 14 \cdot 19^9 + 2 \cdot 19^{10} + 15 \cdot 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 3) = 11 \cdot 19^9 + 16 \cdot 19^{10} + 4 \cdot 19^{11} + 8 \cdot 19^{12} + 14 \cdot 19^{14} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 1) = 13 \cdot 19^9 + 17 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 2) = 15 \cdot 19^9 + 4 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1) = 15 \cdot 19^9 + 8 \cdot 19^{10} + 17 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 4) = 6 \cdot 19^{11} + 17 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 1) = 4 \cdot 19^9 + 13 \cdot 19^{10} + 18 \cdot 19^{11} + 17 \cdot 19^{12} + 12 \cdot 19^{13} + 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 2) = 3 \cdot 19^9 + 15 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1) = 13 \cdot 19^9 + 2 \cdot 19^{10} + 14 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 3) = 12 \cdot 19^9 + 15 \cdot 19^{10} + 17 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1) = 19^9 + 13 \cdot 19^{10} + 7 \cdot 19^{11} + 16 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2) = 11 \cdot 19^9 + 7 \cdot 19^{10} + 7 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1) = 8 \cdot 19^9 + 19^{10} + 3 \cdot 19^{11} + 14 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 8) = 15 \cdot 19^9 + 8 \cdot 19^{10} + 17 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 7, 1) = 11 \cdot 19^9 + 18 \cdot 19^{10} + 16 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 6, 2) = 12 \cdot 19^9 + 15 \cdot 19^{10} + 17 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 6, 1, 1) = 13 \cdot 19^9 + 16 \cdot 19^{10} + 12 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 5, 3) = 14 \cdot 19^9 + 3 \cdot 19^{10} + 2 \cdot 19^{11} + 3 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 5, 2, 1) = 16 \cdot 19^9 + 4 \cdot 19^{10} + 5 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 5, 1, 2) = 12 \cdot 19^9 + 17 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 5, 1, 1, 1) = 4 \cdot 19^9 + 9 \cdot 19^{10} + 6 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 4) = 16 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 3, 1) = 3 \cdot 19^9 + 3 \cdot 19^{10} + 3 \cdot 19^{11} + 16 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 2, 2) = 19^9 + 6 \cdot 19^{10} + 5 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 2, 1, 1) = 7 \cdot 19^9 + 4 \cdot 19^{10} + 14 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 3) = 11 \cdot 19^9 + 19^{10} + 9 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 2, 1) = 14 \cdot 19^9 + 3 \cdot 19^{11} + 16 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 2) = 7 \cdot 19^9 + 3 \cdot 19^{10} + 15 \cdot 19^{11} + 17 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 1) = 17 \cdot 19^9 + 14 \cdot 19^{10} + 4 \cdot 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 5) = 16 \cdot 19^9 + 11 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 4, 1) = 12 \cdot 19^9 + 17 \cdot 19^{10} + 19^{11} + 13 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 3, 2) = 5 \cdot 19^9 + 13 \cdot 19^{10} + 6 \cdot 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 3, 1, 1) = 12 \cdot 19^9 + 16 \cdot 19^{10} + 11 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 3) = 17 \cdot 19^9 + 18 \cdot 19^{10} + 17 \cdot 19^{11} + 13 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 2, 1) = 10 \cdot 19^9 + 10 \cdot 19^{10} + 7 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 2) = 19^9 + 15 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 1) = 16 \cdot 19^9 + 7 \cdot 19^{10} + 10 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 4) = 5 \cdot 19^9 + 11 \cdot 19^{10} + 11 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 3, 1) = 7 \cdot 19^9 + 10 \cdot 19^{10} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 2) = 4 \cdot 19^9 + 8 \cdot 19^{10} + 14 \cdot 19^{11} + 8 \cdot 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 1) = 16 \cdot 19^9 + 5 \cdot 19^{10} + 14 \cdot 19^{11} + 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{16} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 3) = 11 \cdot 19^9 + 19^{10} + 9 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 1) = 14 \cdot 19^9 + 2 \cdot 19^{10} + 15 \cdot 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 2) = 17 \cdot 19^9 + 4 \cdot 19^{10} + 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1) = 14 \cdot 19^9 + 5 \cdot 19^{10} + 6 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 6) = 9 \cdot 19^9 + 10 \cdot 19^{10} + 18 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 5, 1) = 15 \cdot 19^9 + 5 \cdot 19^{10} + 15 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 4, 2) = 11 \cdot 19^9 + 16 \cdot 19^{10} + 4 \cdot 19^{11} + 8 \cdot 19^{12} + 14 \cdot 19^{14} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 4, 1, 1) = 9 \cdot 19^{10} + 17 \cdot 19^{11} + 11 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 3) = 10 \cdot 19^9 + 15 \cdot 19^{10} + 13 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 2, 1) = 12 \cdot 19^9 + 17 \cdot 19^{10} + 8 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 2) = 8 \cdot 19^9 + 5 \cdot 19^{10} + 10 \cdot 19^{11} + 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 1) = 9 \cdot 19^9 + 17 \cdot 19^{10} + 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 4) = 7 \cdot 19^9 + 16 \cdot 19^{10} + 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 3, 1) = 12 \cdot 19^9 + 2 \cdot 19^{10} + 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 2) = 8 \cdot 19^9 + 12 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 1) = 2 \cdot 19^9 + 17 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 3) = 17 \cdot 19^9 + 18 \cdot 19^{10} + 17 \cdot 19^{11} + 13 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 1) = 18 \cdot 19^9 + 18 \cdot 19^{10} + 16 \cdot 19^{11} + 19^{12} + 7 \cdot 19^{13} + 15 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 2) = 13 \cdot 19^9 + 15 \cdot 19^{10} + 5 \cdot 19^{11} + 6 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1) = 15 \cdot 19^9 + 11 \cdot 19^{10} + 15 \cdot 19^{11} + 17 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 5) = 11 \cdot 19^9 + 9 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 4, 1) = 5 \cdot 19^9 + 5 \cdot 19^{11} + 8 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 2) = 13 \cdot 19^9 + 5 \cdot 19^{10} + 10 \cdot 19^{11} + 10 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 1) = 16 \cdot 19^9 + 5 \cdot 19^{10} + 14 \cdot 19^{11} + 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{16} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 3) = 10 \cdot 19^9 + 15 \cdot 19^{10} + 13 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 1) = 11 \cdot 19^9 + 15 \cdot 19^{10} + 10 \cdot 19^{11} + 6 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 2) = 19^9 + 7 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1) = 10 \cdot 19^9 + 4 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 4) = 14 \cdot 19^9 + 9 \cdot 19^{10} + 7 \cdot 19^{11} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 1) = 11 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 2) = 19^9 + 13 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1) = 18 \cdot 19^9 + 9 \cdot 19^{10} + 2 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 3) = 14 \cdot 19^9 + 3 \cdot 19^{10} + 2 \cdot 19^{11} + 3 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1) = 13 \cdot 19^9 + 2 \cdot 19^{10} + 14 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2) = 14 \cdot 19^9 + 8 \cdot 19^{10} + 4 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^9 + 4 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 7) = 11 \cdot 19^9 + 12 \cdot 19^{10} + 13 \cdot 19^{11} + 9 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 6, 1) = 14 \cdot 19^9 + 3 \cdot 19^{10} + 16 \cdot 19^{11} + 18 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 5, 2) = 6 \cdot 19^{11} + 17 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 5, 1, 1) = 15 \cdot 19^9 + 18 \cdot 19^{10} + 16 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 3) = 14 \cdot 19^9 + 9 \cdot 19^{10} + 7 \cdot 19^{11} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 2, 1) = 4 \cdot 19^9 + 6 \cdot 19^{10} + 8 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 7 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 2) = 17 \cdot 19^9 + 14 \cdot 19^{10} + 17 \cdot 19^{11} + 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 1) = 7 \cdot 19^9 + 3 \cdot 19^{10} + 2 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 4) = 2 \cdot 19^9 + 2 \cdot 19^{10} + 8 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 3, 1) = 18 \cdot 19^9 + 2 \cdot 19^{10} + 14 \cdot 19^{11} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 2) = 16 \cdot 19^9 + 14 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 1) = 17 \cdot 19^9 + 7 \cdot 19^{10} + 10 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 19^{14} + 17 \cdot 19^{15} + 11 \cdot 19^{16} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 3) = 5 \cdot 19^9 + 11 \cdot 19^{10} + 11 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 1) = 19^9 + 6 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 2) = 4 \cdot 19^{11} + 9 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1) = 16 \cdot 19^9 + 11 \cdot 19^{10} + 9 \cdot 19^{11} + 11 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 5) = 10 \cdot 19^9 + 13 \cdot 19^{10} + 4 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 4, 1) = 14 \cdot 19^9 + 18 \cdot 19^{10} + 6 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 2) = 11 \cdot 19^9 + 19^{10} + 13 \cdot 19^{11} + 14 \cdot 19^{12} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 1) = 5 \cdot 19^9 + 17 \cdot 19^{10} + 18 \cdot 19^{11} + 17 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 3) = 7 \cdot 19^9 + 16 \cdot 19^{10} + 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 1) = 11 \cdot 19^9 + 3 \cdot 19^{10} + 4 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 2) = 12 \cdot 19^9 + 17 \cdot 19^{10} + 11 \cdot 19^{11} + 7 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1) = 5 \cdot 19^9 + 18 \cdot 19^{11} + 2 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 4) = 2 \cdot 19^9 + 2 \cdot 19^{10} + 8 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 1) = 11 \cdot 19^9 + 3 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 2) = 19^9 + 15 \cdot 19^{10} + 9 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1) = 10 \cdot 19^9 + 4 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 3) = 16 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1) = 15 \cdot 19^9 + 8 \cdot 19^{10} + 17 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2) = 4 \cdot 19^9 + 16 \cdot 19^{10} + 6 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1) = 18 \cdot 19^9 + 9 \cdot 19^{10} + 2 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 6) = 9 \cdot 19^9 + 16 \cdot 19^{10} + 17 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 5, 1) = 12 \cdot 19^9 + 2 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 2) = 17 \cdot 19^9 + 5 \cdot 19^{10} + 13 \cdot 19^{11} + 12 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 1) = 13 \cdot 19^9 + 10 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 19^{16} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 3) = 11 \cdot 19^9 + 9 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 1) = 12 \cdot 19^9 + 19^{10} + 12 \cdot 19^{11} + 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 2) = 11 \cdot 19^9 + 3 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1) = 16 \cdot 19^9 + 11 \cdot 19^{10} + 9 \cdot 19^{11} + 11 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 4) = 10 \cdot 19^9 + 13 \cdot 19^{10} + 4 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 1) = 13 \cdot 19^9 + 7 \cdot 19^{10} + 17 \cdot 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 2) = 5 \cdot 19^9 + 11 \cdot 19^{10} + 16 \cdot 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1) = 15 \cdot 19^9 + 11 \cdot 19^{10} + 15 \cdot 19^{11} + 17 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 3) = 16 \cdot 19^9 + 11 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1) = 17 \cdot 19^9 + 14 \cdot 19^{10} + 19^{11} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2) = 16 \cdot 19^9 + 14 \cdot 19^{10} + 7 \cdot 19^{11} + 17 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 19^9 + 11 \cdot 19^{10} + 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 5) = 9 \cdot 19^9 + 16 \cdot 19^{10} + 17 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 1) = 5 \cdot 19^9 + 9 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 2) = 15 \cdot 19^9 + 18 \cdot 19^{10} + 11 \cdot 19^{11} + 14 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1) = 14 \cdot 19^9 + 5 \cdot 19^{10} + 6 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 3) = 9 \cdot 19^9 + 10 \cdot 19^{10} + 18 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1) = 10 \cdot 19^9 + 4 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2) = 6 \cdot 19^9 + 3 \cdot 19^{10} + 10 \cdot 19^{11} + 2 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1) = 18 \cdot 19^9 + 9 \cdot 19^{10} + 2 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 4) = 11 \cdot 19^9 + 12 \cdot 19^{10} + 13 \cdot 19^{11} + 9 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1) = 10 \cdot 19^{10} + 15 \cdot 19^{11} + 16 \cdot 19^{12} + 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2) = 9 \cdot 19^9 + 4 \cdot 19^{10} + 14 \cdot 19^{11} + 13 \cdot 19^{12} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 19^9 + 4 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3) = 15 \cdot 19^9 + 8 \cdot 19^{10} + 17 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1) = 8 \cdot 19^9 + 19^{10} + 3 \cdot 19^{11} + 14 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2) = 18 \cdot 19^9 + 6 \cdot 19^{10} + 4 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20})
 \end{aligned}$$

## 8.11. weight 10 case.

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{19}(10) = O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{19}(9, 1) = 17 \cdot 19^{10} + 5 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{19}(8, 2) = 12 \cdot 19^{10} + 5 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 19^{14} + 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{19}(8, 1, 1) = 17 \cdot 19^{10} + 2 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{19}(7, 3) = 19^{10} + 17 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{19}(7, 2, 1) = 18 \cdot 19^{10} + 5 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{19}(7, 1, 2) = 6 \cdot 19^{10} + 2 \cdot 19^{11} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{19}(7, 1, 1, 1) = 8 \cdot 19^{10} + 7 \cdot 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{19}(6, 4) = 10 \cdot 19^{10} + 14 \cdot 19^{11} + 5 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{19}(6, 3, 1) = 6 \cdot 19^{10} + 3 \cdot 19^{11} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 12 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{19}(6, 2, 2) = 8 \cdot 19^{10} + 10 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{19}(6, 2, 1, 1) = 3 \cdot 19^{10} + 3 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{19}(6, 1, 3) = 16 \cdot 19^{10} + 8 \cdot 19^{11} + 18 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{19}(6, 1, 2, 1) = 2 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{19}(6, 1, 1, 2) = 4 \cdot 19^{10} + 14 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{19}(6, 1, 1, 1, 1) = 6 \cdot 19^{10} + 19^{11} + 13 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{19}(5, 5) = 13 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{19}(5, 4, 1) = 9 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{19}(5, 3, 2) = 19^{10} + 16 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{19}(5, 3, 1, 1) = 7 \cdot 19^{10} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{19}(5, 2, 3) = 7 \cdot 19^{10} + 6 \cdot 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{19}(5, 2, 2, 1) = 19^{10} + 16 \cdot 19^{11} + 9 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{19}(5, 2, 1, 2) = 10 \cdot 19^{10} + 8 \cdot 19^{11} + 9 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{19}(5, 2, 1, 1, 1) = 11 \cdot 19^{10} + 18 \cdot 19^{11} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{19}(5, 1, 4) = 4 \cdot 19^{10} + 2 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{19}(5, 1, 3, 1) = 4 \cdot 19^{10} + 10 \cdot 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{19}(5, 1, 2, 2) = 4 \cdot 19^{10} + 16 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{19}(5, 1, 2, 1, 1) = 11 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{19}(5, 1, 1, 3) = 3 \cdot 19^{10} + 9 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{19}(5, 1, 1, 2, 1) = 19^{10} + 7 \cdot 19^{11} + 9 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{19}(5, 1, 1, 1, 2) = 12 \cdot 19^{10} + 2 \cdot 19^{11} + 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{19}(5, 1, 1, 1, 1, 1) = 10 \cdot 19^{10} + 8 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 6) = 9 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 5, 1) = 14 \cdot 19^{10} + 18 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 4, 2) = 9 \cdot 19^{10} + 13 \cdot 19^{11} + 18 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 4, 1, 1) = 14 \cdot 19^{10} + 13 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 3, 3) = 16 \cdot 19^{10} + 10 \cdot 19^{11} + 11 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 3, 2, 1) = 9 \cdot 19^{10} + 4 \cdot 19^{11} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 3, 1, 2) = 10 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 3, 1, 1, 1) = 3 \cdot 19^{10} + 16 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 2, 4) = 18 \cdot 19^{10} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 2, 3, 1) = 18 \cdot 19^{10} + 9 \cdot 19^{11} + 7 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 2, 2, 2) = 8 \cdot 19^{10} + 4 \cdot 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 2, 2, 1, 1) = 6 \cdot 19^{10} + 6 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 2, 1, 3) = 12 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 2, 1, 2, 1) = 9 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 2, 1, 1, 2) = 18 \cdot 19^{10} + 16 \cdot 19^{11} + 9 \cdot 19^{12} + 14 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 2, 1, 1, 1, 1) = 13 \cdot 19^{10} + 17 \cdot 19^{11} + 6 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 5) = 6 \cdot 19^{10} + 2 \cdot 19^{11} + 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 4, 1) = 5 \cdot 19^{10} + 4 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 3, 2) = 10 \cdot 19^{10} + 12 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 3, 1, 1) = 8 \cdot 19^{10} + 16 \cdot 19^{11} + 15 \cdot 19^{12} + 2 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 2, 3) = 3 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 2, 2, 1) = 19^{10} + 12 \cdot 19^{11} + 14 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 2, 1, 2) = 12 \cdot 19^{10} + 19^{11} + 12 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 2, 1, 1, 1) = 2 \cdot 19^{10} + 5 \cdot 19^{11} + 7 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 4) = 6 \cdot 19^{10} + 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 3, 1) = 18 \cdot 19^{11} + 3 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 2, 2) = 18 \cdot 19^{10} + 13 \cdot 19^{11} + 8 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 2, 1, 1) = 8 \cdot 19^{11} + 10 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 3) = 18 \cdot 19^{10} + 12 \cdot 19^{11} + 15 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 2, 1) = 17 \cdot 19^{10} + 18 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 2) = 4 \cdot 19^{10} + 14 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 1) = 16 \cdot 19^{10} + 2 \cdot 19^{11} + 7 \cdot 19^{12} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 7) = 3 \cdot 19^{10} + 19^{11} + 15 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 6, 1) = 11 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 5, 2) = 7 \cdot 19^{10} + 14 \cdot 19^{11} + 17 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 5, 1, 1) = 5 \cdot 19^{10} + 10 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 4, 3) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 4, 2, 1) = 11 \cdot 19^{10} + 6 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 4, 1, 2) = 18 \cdot 19^{10} + 17 \cdot 19^{11} + 2 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 4, 1, 1, 1) = 19^{10} + 16 \cdot 19^{11} + 6 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 3, 4) = 18 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 3, 3, 1) = 5 \cdot 19^{10} + 10 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 3, 2, 2) = 8 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 3, 2, 1, 1) = 7 \cdot 19^{10} + 11 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 3, 1, 3) = 10 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 3, 1, 2, 1) = 15 \cdot 19^{10} + 7 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 3, 1, 1, 2) = 12 \cdot 19^{10} + 19^{11} + 12 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 3, 1, 1, 1, 1) = 14 \cdot 19^{10} + 17 \cdot 19^{11} + 14 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 5) = 18 \cdot 19^{10} + 3 \cdot 19^{11} + 5 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 4, 1) = 5 \cdot 19^{10} + 8 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 3, 2) = 5 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 3, 1, 1) = 15 \cdot 19^{10} + 4 \cdot 19^{11} + 2 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 2, 3) = 11 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 2, 2, 1) = 12 \cdot 19^{10} + 15 \cdot 19^{11} + 7 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 2, 1, 2) = 16 \cdot 19^{10} + 2 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 2, 1, 1, 1) = 18 \cdot 19^{10} + 12 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 4) = 4 \cdot 19^{10} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 3, 1) = 12 \cdot 19^{10} + 2 \cdot 19^{11} + 15 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 2, 2) = 15 \cdot 19^{10} + 4 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 2, 1, 1) = 4 \cdot 19^{10} + 14 \cdot 19^{11} + 9 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 3) = 17 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 2, 1) = 3 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 2) = 10 \cdot 19^{10} + 8 \cdot 19^{11} + 9 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 1) = 8 \cdot 19^{10} + 4 \cdot 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 6) = 19^{10} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 5, 1) = 12 \cdot 19^{10} + 8 \cdot 19^{11} + 3 \cdot 19^{12} + 12 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 4, 2) = 5 \cdot 19^{10} + 9 \cdot 19^{11} + 13 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 4, 1, 1) = 9 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 13 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 3, 3) = 13 \cdot 19^{11} + 8 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 3, 2, 1) = 4 \cdot 19^{10} + 5 \cdot 19^{11} + 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 3, 1, 2) = 17 \cdot 19^{10} + 9 \cdot 19^{11} + 11 \cdot 19^{12} + 15 \cdot 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 3, 1, 1, 1) = 2 \cdot 19^{10} + 16 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 4) = 10 \cdot 19^{10} + 6 \cdot 19^{11} + 10 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 3, 1) = 2 \cdot 19^{10} + 11 \cdot 19^{11} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 2, 2) = 8 \cdot 19^{10} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 2, 1, 1) = 4 \cdot 19^{10} + 16 \cdot 19^{11} + 5 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 3) = 12 \cdot 19^{10} + 10 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 1, 2, 1) = 2 \cdot 19^{10} + 2 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 2) = 10 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 1) = 7 \cdot 19^{10} + 15 \cdot 19^{11} + 14 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 5) = 10 \cdot 19^{10} + 13 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 4, 1) = 9 \cdot 19^{10} + 14 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 3, 2) = 13 \cdot 19^{10} + 3 \cdot 19^{11} + 5 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 3, 1, 1) = 15 \cdot 19^{10} + 4 \cdot 19^{11} + 7 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 3) = 6 \cdot 19^{10} + 18 \cdot 19^{11} + 3 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 2, 1) = 12 \cdot 19^{10} + 2 \cdot 19^{11} + 13 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 2) = 18 \cdot 19^{10} + 17 \cdot 19^{11} + 2 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 1) = 13 \cdot 19^{10} + 15 \cdot 19^{11} + 17 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 4) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 3, 1) = 11 \cdot 19^{10} + 9 \cdot 19^{11} + 5 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 2) = 9 \cdot 19^{10} + 14 \cdot 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 1) = 13 \cdot 19^{10} + 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 3) = 17 \cdot 19^{10} + 16 \cdot 19^{11} + 16 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 1) = 15 \cdot 19^{11} + 15 \cdot 19^{12} + 10 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 2) = 6 \cdot 19^{10} + 2 \cdot 19^{11} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 19^{10} + 4 \cdot 19^{11} + 11 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 8) = 7 \cdot 19^{10} + 13 \cdot 19^{11} + 17 \cdot 19^{12} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 7, 1) = 15 \cdot 19^{10} + 6 \cdot 19^{11} + 9 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 6, 2) = 16 \cdot 19^{11} + 4 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 6, 1, 1) = 9 \cdot 19^{10} + 15 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 5, 3) = 16 \cdot 19^{10} + 10 \cdot 19^{11} + 2 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 5, 2, 1) = 11 \cdot 19^{10} + 18 \cdot 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 5, 1, 2) = 9 \cdot 19^{10} + 14 \cdot 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 5, 1, 1, 1) = 11 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 4, 4) = 11 \cdot 19^{10} + 4 \cdot 19^{11} + 14 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 4, 3, 1) = 3 \cdot 19^{10} + 3 \cdot 19^{11} + 5 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 4, 2, 2) = 17 \cdot 19^{10} + 18 \cdot 19^{11} + 4 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 4, 2, 1, 1) = 9 \cdot 19^{10} + 2 \cdot 19^{11} + 17 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 4, 1, 3) = 16 \cdot 19^{10} + 8 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 4, 1, 2, 1) = 18 \cdot 19^{10} + 3 \cdot 19^{11} + 6 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 4, 1, 1, 2) = 18 \cdot 19^{10} + 13 \cdot 19^{11} + 8 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 4, 1, 1, 1, 1) = 5 \cdot 19^{10} + 4 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 5) = 16 \cdot 19^{10} + 11 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 4, 1) = 3 \cdot 19^{10} + 2 \cdot 19^{11} + 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 3, 2) = 10 \cdot 19^{10} + 13 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 3, 1, 1) = 2 \cdot 19^{11} + 3 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 2, 3) = 5 \cdot 19^{10} + 18 \cdot 19^{11} + 14 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 2, 2, 1) = 15 \cdot 19^{10} + 9 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 2, 1, 2) = 15 \cdot 19^{10} + 4 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 2, 1, 1, 1) = 5 \cdot 19^{10} + 16 \cdot 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 4) = 15 \cdot 19^{10} + 17 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 3, 1) = 19^{10} + 15 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 2, 2) = 10 \cdot 19^{10} + 17 \cdot 19^{11} + 10 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 2, 1, 1) = 3 \cdot 19^{10} + 11 \cdot 19^{11} + 8 \cdot 19^{13} + 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 3) = 5 \cdot 19^{10} + 17 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 2, 1) = 13 \cdot 19^{10} + 13 \cdot 19^{11} + 10 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 2) = 4 \cdot 19^{10} + 16 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 1) = 17 \cdot 19^{10} + 4 \cdot 19^{11} + 19^{12} + 7 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 6) = 11 \cdot 19^{10} + 11 \cdot 19^{11} + 10 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 5, 1) = 15 \cdot 19^{10} + 12 \cdot 19^{11} + 18 \cdot 19^{12} + 9 \cdot 19^{13} + 2 \cdot 19^{15} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 4, 2) = 11 \cdot 19^{10} + 11 \cdot 19^{11} + 4 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 4, 1, 1) = 4 \cdot 19^{10} + 7 \cdot 19^{11} + 17 \cdot 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 3, 3) = 16 \cdot 19^{10} + 14 \cdot 19^{11} + 15 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 3, 2, 1) = 11 \cdot 19^{10} + 13 \cdot 19^{11} + 4 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 3, 1, 2) = 8 \cdot 19^{10} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 3, 1, 1, 1) = 6 \cdot 19^{10} + 17 \cdot 19^{11} + 4 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 4) = 2 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 3, 1) = 8 \cdot 19^{10} + 13 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 2, 2) = O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 2, 1, 1) = 11 \cdot 19^{10} + 4 \cdot 19^{11} + 3 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 3) = 12 \cdot 19^{10} + 12 \cdot 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 2, 1) = 4 \cdot 19^{10} + 11 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 2) = 8 \cdot 19^{10} + 4 \cdot 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 1) = 16 \cdot 19^{10} + 3 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 5) = 12 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 4, 1) = 18 \cdot 19^{10} + 8 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 3, 2) = 11 \cdot 19^{10} + 3 \cdot 19^{11} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 3, 1, 1) = 7 \cdot 19^{10} + 12 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 3) = 4 \cdot 19^{10} + 7 \cdot 19^{11} + 12 \cdot 19^{12} + 19^{13} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 2, 1) = 17 \cdot 19^{10} + 9 \cdot 19^{11} + 12 \cdot 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 2) = 8 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 1) = 17 \cdot 19^{10} + 18 \cdot 19^{11} + 13 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 4) = 12 \cdot 19^{10} + 7 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 3, 1) = 17 \cdot 19^{10} + 11 \cdot 19^{11} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 2) = 17 \cdot 19^{10} + 18 \cdot 19^{11} + 4 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 1) = 4 \cdot 19^{10} + 9 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 3) = 7 \cdot 19^{10} + 2 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 1) = 19^{10} + 17 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 2) = 8 \cdot 19^{10} + 10 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 1) = 9 \cdot 19^{10} + 2 \cdot 19^{11} + 10 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 7) = 11 \cdot 19^{10} + 7 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 6, 1) = 7 \cdot 19^{10} + 13 \cdot 19^{11} + 15 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 5, 2) = 2 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 5, 1, 1) = 9 \cdot 19^{10} + 2 \cdot 19^{11} + 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 4, 3) = 14 \cdot 19^{10} + 5 \cdot 19^{11} + 18 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 4, 2, 1) = 17 \cdot 19^{10} + 2 \cdot 19^{11} + 9 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 4, 1, 2) = 13 \cdot 19^{10} + 3 \cdot 19^{11} + 5 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 4, 1, 1, 1) = 9 \cdot 19^{10} + 15 \cdot 19^{11} + 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 4) = 10 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 3, 1) = 9 \cdot 19^{10} + 17 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 2, 2) = 11 \cdot 19^{10} + 3 \cdot 19^{11} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 2, 1, 1) = 5 \cdot 19^{10} + 3 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 3) = 9 \cdot 19^{10} + 8 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 2, 1) = 7 \cdot 19^{10} + 12 \cdot 19^{11} + 2 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 2) = 10 \cdot 19^{10} + 12 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 1) = 8 \cdot 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 5) = 3 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 4, 1) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 3, 2) = O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 3, 1, 1) = 5 \cdot 19^{10} + 14 \cdot 19^{11} + 16 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 3) = 4 \cdot 19^{10} + 8 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 2, 1) = 2 \cdot 19^{11} + 14 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 2) = 5 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 1) = 13 \cdot 19^{10} + 2 \cdot 19^{11} + 6 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 4) = 9 \cdot 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 3, 1) = 4 \cdot 19^{10} + 18 \cdot 19^{11} + 6 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 15 \cdot 19^{15} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 2) = 10 \cdot 19^{10} + 13 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 1) = 13 \cdot 19^{10} + 4 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 3) = 2 \cdot 19^{10} + 12 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 1) = 13 \cdot 19^{10} + 6 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 2) = 19^{10} + 16 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 1) = 17 \cdot 19^{10} + 10 \cdot 19^{11} + 5 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 6) = 14 \cdot 19^{10} + 7 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 5, 1) = 12 \cdot 19^{10} + 4 \cdot 19^{11} + 14 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 4, 2) = 6 \cdot 19^{10} + 18 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 4, 1, 1) = 7 \cdot 19^{10} + 13 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 3) = 2 \cdot 19^{10} + 13 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 2, 1) = 5 \cdot 19^{11} + 18 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 2) = 5 \cdot 19^{10} + 9 \cdot 19^{11} + 13 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 1) = 16 \cdot 19^{10} + 11 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 4) = 11 \cdot 19^{10} + 12 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 3, 1) = 9 \cdot 19^{10} + 8 \cdot 19^{11} + 15 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 2) = 11 \cdot 19^{10} + 11 \cdot 19^{11} + 4 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 1) = 16 \cdot 19^{10} + 14 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 3) = 7 \cdot 19^{10} + 5 \cdot 19^{11} + 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 1) = 2 \cdot 19^{10} + 17 \cdot 19^{11} + 8 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 2) = 9 \cdot 19^{10} + 13 \cdot 19^{11} + 18 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 19^{10} + 16 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 5) = 5 \cdot 19^{10} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 4, 1) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 2) = 2 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 1) = 15 \cdot 19^{10} + 4 \cdot 19^{11} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 3) = 12 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 1) = 11 \cdot 19^{10} + 2 \cdot 19^{11} + 11 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 2) = 7 \cdot 19^{10} + 14 \cdot 19^{11} + 17 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 1) = 13 \cdot 19^{10} + 15 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 4) = 18 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 14 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 1) = 3 \cdot 19^{10} + 10 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 2) = 16 \cdot 19^{11} + 4 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 1) = 9 \cdot 19^{10} + 5 \cdot 19^{11} + 5 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 3) = 19^{10} + 7 \cdot 19^{11} + 18 \cdot 19^{12} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 2, 1) = 9 \cdot 19^{10} + 2 \cdot 19^{11} + 10 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 19^{10} + 5 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 19^{14} + 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 9) = 2 \cdot 19^{10} + 13 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 8, 1) = 13 \cdot 19^{10} + 19^{11} + 18 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 7, 2) = 19^{10} + 7 \cdot 19^{11} + 18 \cdot 19^{12} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 7, 1, 1) = 7 \cdot 19^{10} + 5 \cdot 19^{11} + 7 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 6, 3) = 5 \cdot 19^{10} + 13 \cdot 19^{11} + 19^{12} + 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 6, 2, 1) = 17 \cdot 19^{10} + 2 \cdot 19^{11} + 5 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 6, 1, 2) = 17 \cdot 19^{10} + 16 \cdot 19^{11} + 16 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 6, 1, 1, 1) = 13 \cdot 19^{10} + 14 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{14} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 5, 4) = 2 \cdot 19^{10} + 10 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 5, 3, 1) = 4 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 5, 2, 2) = 7 \cdot 19^{10} + 2 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 5, 2, 1, 1) = 19^{10} + 8 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 5, 1, 3) = 19^{10} + 11 \cdot 19^{11} + 13 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 5, 1, 2, 1) = 6 \cdot 19^{10} + 7 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 5, 1, 1, 2) = 18 \cdot 19^{10} + 12 \cdot 19^{11} + 15 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 5, 1, 1, 1, 1) = 16 \cdot 19^{10} + 15 \cdot 19^{11} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 15 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 5) = 15 \cdot 19^{10} + 5 \cdot 19^{11} + 18 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 4, 1) = 11 \cdot 19^{10} + 7 \cdot 19^{11} + 14 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 3, 2) = 2 \cdot 19^{10} + 12 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 3, 1, 1) = 15 \cdot 19^{10} + 9 \cdot 19^{11} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 2, 3) = 5 \cdot 19^{10} + 15 \cdot 19^{11} + 9 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 2, 2, 1) = 18 \cdot 19^{10} + 9 \cdot 19^{11} + 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 2, 1, 2) = 17 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 2, 1, 1, 1) = 8 \cdot 19^{10} + 11 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 4) = 12 \cdot 19^{10} + 6 \cdot 19^{11} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 3, 1) = 4 \cdot 19^{10} + 8 \cdot 19^{11} + 4 \cdot 19^{12} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 2, 2) = 5 \cdot 19^{10} + 17 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 2, 1, 1) = 3 \cdot 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 3) = 19^{10} + 14 \cdot 19^{11} + 14 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 2, 1) = 15 \cdot 19^{10} + 2 \cdot 19^{11} + 9 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 2) = 3 \cdot 19^{10} + 9 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 1) = 6 \cdot 19^{10} + 15 \cdot 19^{11} + 10 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 6) = 14 \cdot 19^{10} + 4 \cdot 19^{11} + 9 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 5, 1) = 3 \cdot 19^{10} + 5 \cdot 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 4, 2) = 7 \cdot 19^{10} + 5 \cdot 19^{11} + 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 4, 1, 1) = 5 \cdot 19^{10} + 8 \cdot 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 3, 3) = 8 \cdot 19^{10} + 5 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 3, 2, 1) = 10 \cdot 19^{10} + 8 \cdot 19^{11} + 16 \cdot 19^{12} + 16 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 3, 1, 2) = 12 \cdot 19^{10} + 10 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 3, 1, 1, 1) = 15 \cdot 19^{10} + 18 \cdot 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 4) = 3 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 3, 1) = 18 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 2, 2) = 12 \cdot 19^{10} + 12 \cdot 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 2, 1, 1) = 7 \cdot 19^{10} + 14 \cdot 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 3) = 2 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 2, 1) = 16 \cdot 19^{10} + 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 2) = 12 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 1) = 3 \cdot 19^{10} + 15 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 5) = 3 \cdot 19^{11} + 9 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 4, 1) = 13 \cdot 19^{10} + 9 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 3, 2) = 9 \cdot 19^{10} + 8 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 3, 1, 1) = 7 \cdot 19^{10} + 11 \cdot 19^{11} + 4 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 3) = 10 \cdot 19^{10} + 9 \cdot 19^{11} + 4 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 2, 1) = 15 \cdot 19^{10} + 10 \cdot 19^{11} + 2 \cdot 19^{12} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 2) = 10 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 1) = 15 \cdot 19^{10} + 2 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 4) = 18 \cdot 19^{10} + 17 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 3, 1) = 15 \cdot 19^{10} + 6 \cdot 19^{11} + 4 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 2) = 16 \cdot 19^{10} + 8 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 1) = 16 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 3) = 19^{10} + 11 \cdot 19^{11} + 13 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 1) = 15 \cdot 19^{10} + 18 \cdot 19^{11} + 2 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 2) = 16 \cdot 19^{10} + 8 \cdot 19^{11} + 18 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^{10} + 12 \cdot 19^{11} + 12 \cdot 19^{12} + 5 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 7) = 2 \cdot 19^{10} + 9 \cdot 19^{11} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 6, 1) = 6 \cdot 19^{10} + 11 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 5, 2) = 12 \cdot 19^{10} + 8 \cdot 19^{11} + 7 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 5, 1, 1) = 6 \cdot 19^{10} + 15 \cdot 19^{11} + 5 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 4, 3) = 16 \cdot 19^{10} + 14 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 4, 2, 1) = 17 \cdot 19^{11} + 3 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 4, 1, 2) = 6 \cdot 19^{10} + 18 \cdot 19^{11} + 3 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 4, 1, 1, 1) = 4 \cdot 19^{10} + 16 \cdot 19^{11} + 16 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 4) = 3 \cdot 19^{10} + 14 \cdot 19^{11} + 9 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 3, 1) = 7 \cdot 19^{10} + 19^{11} + 8 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 2, 2) = 4 \cdot 19^{10} + 7 \cdot 19^{11} + 12 \cdot 19^{12} + 19^{13} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 2, 1, 1) = 17 \cdot 19^{10} + 15 \cdot 19^{11} + 18 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 3) = 10 \cdot 19^{10} + 9 \cdot 19^{11} + 4 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 2, 1) = 16 \cdot 19^{10} + 16 \cdot 19^{11} + 18 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 15 \cdot 19^{15} + 12 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 2) = 3 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 1) = 16 \cdot 19^{10} + 15 \cdot 19^{11} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 5) = 13 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 4, 1) = 16 \cdot 19^{10} + 10 \cdot 19^{11} + 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 3, 2) = 4 \cdot 19^{10} + 8 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 3, 1, 1) = 2 \cdot 19^{10} + 2 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 3) = 14 \cdot 19^{10} + 12 \cdot 19^{11} + 14 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 2, 1) = 6 \cdot 19^{10} + 10 \cdot 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 2) = 11 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 1) = 14 \cdot 19^{10} + 8 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 4) = 4 \cdot 19^{10} + 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 3, 1) = 12 \cdot 19^{10} + 3 \cdot 19^{11} + 7 \cdot 19^{12} + 5 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 2) = 5 \cdot 19^{10} + 18 \cdot 19^{11} + 14 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 1) = 3 \cdot 19^{10} + 10 \cdot 19^{11} + 16 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 3) = 5 \cdot 19^{10} + 15 \cdot 19^{11} + 9 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 1) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 2) = 7 \cdot 19^{10} + 6 \cdot 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 1) = 13 \cdot 19^{10} + 2 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 6) = 18 \cdot 19^{10} + 8 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 5, 1) = 17 \cdot 19^{10} + 14 \cdot 19^{11} + 10 \cdot 19^{13} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 4, 2) = 2 \cdot 19^{10} + 13 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 4, 1, 1) = 9 \cdot 19^{10} + 14 \cdot 19^{11} + 5 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 3) = 14 \cdot 19^{10} + 4 \cdot 19^{11} + 11 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 2, 1) = 7 \cdot 19^{10} + 4 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 2) = 13 \cdot 19^{11} + 8 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 1) = 17 \cdot 19^{10} + 2 \cdot 19^{11} + 13 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 4) = 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 3, 1) = 6 \cdot 19^{10} + 19^{11} + 10 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 2) = 16 \cdot 19^{10} + 14 \cdot 19^{11} + 15 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 1) = 10 \cdot 19^{10} + 16 \cdot 19^{11} + 8 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 3) = 8 \cdot 19^{10} + 5 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 1) = 12 \cdot 19^{10} + 16 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 2) = 16 \cdot 19^{10} + 10 \cdot 19^{11} + 11 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 1) = 15 \cdot 19^{10} + 13 \cdot 19^{13} + 12 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 5) = 3 \cdot 19^{10} + 13 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 4, 1) = 17 \cdot 19^{10} + 4 \cdot 19^{11} + 4 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 2) = 14 \cdot 19^{10} + 5 \cdot 19^{11} + 18 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 1) = 14 \cdot 19^{10} + 12 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 3) = 16 \cdot 19^{10} + 14 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 1) = 17 \cdot 19^{10} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 1) = 6 \cdot 19^{11} + 17 \cdot 19^{12} + 17 \cdot 19^{13} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 4) = 5 \cdot 19^{10} + 4 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 1) = 10 \cdot 19^{10} + 6 \cdot 19^{11} + 5 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 2) = 16 \cdot 19^{10} + 10 \cdot 19^{11} + 2 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 1) = 15 \cdot 19^{10} + 13 \cdot 19^{13} + 12 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 3) = 5 \cdot 19^{10} + 13 \cdot 19^{11} + 19^{12} + 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 1) = 2 \cdot 19^{10} + 6 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{14} + 12 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 2) = 19^{10} + 17 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 8) = 8 \cdot 19^{10} + 14 \cdot 19^{11} + 15 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 7, 1) = 7 \cdot 19^{10} + 15 \cdot 19^{11} + 7 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 6, 2) = 18 \cdot 19^{10} + 9 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 14 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 6, 1, 1) = 16 \cdot 19^{10} + 15 \cdot 19^{11} + 10 \cdot 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 5, 3) = 5 \cdot 19^{10} + 4 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 5, 2, 1) = 5 \cdot 19^{10} + 3 \cdot 19^{11} + 14 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 5, 1, 2) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 5, 1, 1, 1) = 14 \cdot 19^{10} + 7 \cdot 19^{11} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 12 \cdot 19^{16} + 5 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 4) = 3 \cdot 19^{10} + 11 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 3, 1) = 11 \cdot 19^{10} + 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 2, 2) = 12 \cdot 19^{10} + 7 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 2, 1, 1) = 19^{10} + 9 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 3) = 18 \cdot 19^{10} + 17 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 2, 1) = 4 \cdot 19^{10} + 6 \cdot 19^{11} + 4 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 2) = 6 \cdot 19^{10} + 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 1) = 9 \cdot 19^{10} + 13 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 5) = 14 \cdot 19^{10} + 3 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 4, 1) = 5 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 3, 2) = 9 \cdot 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 3, 1, 1) = 9 \cdot 19^{10} + 12 \cdot 19^{11} + 9 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 3) = 4 \cdot 19^{10} + 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 2, 1) = 17 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 2) = 4 \cdot 19^{10} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 1) = 13 \cdot 19^{10} + 7 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 4) = 8 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 3, 1) = 3 \cdot 19^{10} + 6 \cdot 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 2) = 15 \cdot 19^{10} + 17 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 1) = 3 \cdot 19^{10} + 3 \cdot 19^{11} + 15 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 3) = 12 \cdot 19^{10} + 6 \cdot 19^{11} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 1) = 18 \cdot 19^{10} + 18 \cdot 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 2) = 4 \cdot 19^{10} + 2 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 1) = 19^{10} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 6) = 3 \cdot 19^{10} + 11 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 5, 1) = 15 \cdot 19^{10} + 19^{11} + 10 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 4, 2) = 11 \cdot 19^{10} + 12 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 4, 1, 1) = 9 \cdot 19^{10} + 12 \cdot 19^{11} + 6 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 3) = 19^{10} + 15 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 2, 1) = 3 \cdot 19^{10} + 16 \cdot 19^{11} + 7 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 2) = 10 \cdot 19^{10} + 6 \cdot 19^{11} + 10 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 1) = 7 \cdot 19^{10} + 18 \cdot 19^{11} + 17 \cdot 19^{12} + 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 4) = 17 \cdot 19^{10} + 3 \cdot 19^{11} + 3 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 3, 1) = 10 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 2) = 2 \cdot 19^{10} + 3 \cdot 19^{11} + 19^{12} + 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 1) = 9 \cdot 19^{10} + 11 \cdot 19^{11} + 9 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 3) = 3 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 1) = 9 \cdot 19^{10} + 14 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 2) = 18 \cdot 19^{10} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 1) = 11 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 5) = 11 \cdot 19^{10} + 2 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 4, 1) = 17 \cdot 19^{10} + 8 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 2) = 10 \cdot 19^{10} + 4 \cdot 19^{11} + 16 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 1) = 10 \cdot 19^{10} + 10 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 3) = 3 \cdot 19^{10} + 14 \cdot 19^{11} + 9 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 1) = 15 \cdot 19^{11} + 7 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 2) = 18 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 1) = 18 \cdot 19^{10} + 11 \cdot 19^{11} + 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 4) = 3 \cdot 19^{10} + 11 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 1) = 16 \cdot 19^{10} + 7 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 2) = 11 \cdot 19^{10} + 4 \cdot 19^{11} + 14 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 1) = 18 \cdot 19^{10} + 11 \cdot 19^{11} + 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 3) = 2 \cdot 19^{10} + 10 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 1) = 12 \cdot 19^{10} + 14 \cdot 19^{11} + 8 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 2) = 10 \cdot 19^{10} + 14 \cdot 19^{11} + 5 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 7) = 16 \cdot 19^{10} + 9 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 6, 1) = 2 \cdot 19^{10} + 8 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 5, 2) = 5 \cdot 19^{10} + 11 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 5, 1, 1) = 18 \cdot 19^{10} + 6 \cdot 19^{11} + 12 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 3) = 3 \cdot 19^{10} + 13 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 2, 1) = 2 \cdot 19^{10} + 6 \cdot 19^{11} + 11 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 2) = 10 \cdot 19^{10} + 13 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 1) = 5 \cdot 19^{10} + 13 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 4) = 11 \cdot 19^{10} + 2 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 3, 1) = 11 \cdot 19^{10} + 7 \cdot 19^{11} + 16 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 2) = 12 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 1) = 15 \cdot 19^{10} + 8 \cdot 19^{11} + 9 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 3) = 3 \cdot 19^{11} + 9 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 1) = 16 \cdot 19^{10} + 7 \cdot 19^{11} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 2) = 6 \cdot 19^{10} + 2 \cdot 19^{11} + 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 1) = 13 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 5) = 12 \cdot 19^{10} + 4 \cdot 19^{11} + 5 \cdot 19^{12} + 17 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 4, 1) = 17 \cdot 19^{10} + 7 \cdot 19^{11} + 8 \cdot 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 2) = 3 \cdot 19^{10} + 18 \cdot 19^{11} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 1) = 16 \cdot 19^{10} + 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 3) = 13 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 1) = 10 \cdot 19^{10} + 5 \cdot 19^{11} + 3 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 2) = 18 \cdot 19^{10} + 3 \cdot 19^{11} + 5 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 19^{10} + 11 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 4) = 14 \cdot 19^{10} + 3 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 1) = 2 \cdot 19^{10} + 4 \cdot 19^{11} + 5 \cdot 19^{12} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) = \zeta_{19}(1, 1, 1, 2, 1, 2, 2) = 16 \cdot 19^{10} + 11 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) = \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 1) = 11 \cdot 19^{10} + 10 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 12 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) = \zeta_{19}(1, 1, 1, 2, 1, 1, 3) = 15 \cdot 19^{10} + 5 \cdot 19^{11} + 18 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) = \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 1) = 17 \cdot 19^{10} + 7 \cdot 19^{11} + 9 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) = \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 2) = 13 \cdot 19^{10} + 6 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1) = O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 6) = 19^{10} + 17 \cdot 19^{11} + 10 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 5, 1) = 2 \cdot 19^{10} + 8 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 4, 2) = 14 \cdot 19^{10} + 7 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 4, 1, 1) = 6 \cdot 19^{10} + 19^{11} + 15 \cdot 19^{12} + 4 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 3, 3) = 18 \cdot 19^{10} + 8 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 3, 2, 1) = 16 \cdot 19^{10} + 18 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 3, 1, 2) = 19^{10} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 1) = 18 \cdot 19^{10} + 18 \cdot 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 2, 4) = 3 \cdot 19^{10} + 11 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 2, 3, 1) = 6 \cdot 19^{10} + 14 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 2, 2, 2) = 11 \cdot 19^{10} + 11 \cdot 19^{11} + 10 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 1) = 19^{10} + 4 \cdot 19^{11} + 3 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 2, 1, 3) = 14 \cdot 19^{10} + 4 \cdot 19^{11} + 9 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 1) = 12 \cdot 19^{10} + 17 \cdot 19^{11} + 2 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 2) = 9 \cdot 19^{10} + 4 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1) = O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 5) = 16 \cdot 19^{10} + 9 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 4, 1) = 7 \cdot 19^{10} + 15 \cdot 19^{11} + 7 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 3, 2) = 11 \cdot 19^{10} + 7 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 1) = 13 \cdot 19^{10} + 5 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 2, 3) = 2 \cdot 19^{10} + 9 \cdot 19^{11} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 1) = 2 \cdot 19^{10} + 18 \cdot 19^{11} + 16 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 2) = 3 \cdot 19^{10} + 19^{11} + 15 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 1, 4) = 8 \cdot 19^{10} + 14 \cdot 19^{11} + 15 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 1) = 15 \cdot 19^{10} + 14 \cdot 19^{11} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 2) = 7 \cdot 19^{10} + 13 \cdot 19^{11} + 17 \cdot 19^{12} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})$$

$$\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 1) = O(19^{20})$$

$$\begin{aligned} \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3) = 2 \cdot 19^{10} + 13 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1) = O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2) = O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \end{aligned}$$

**8.12. weight 11 case.**

$$\begin{aligned} \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(11) = 11 \cdot 19^{11} + 13 \cdot 19^{12} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(10, 1) = 10 \cdot 19^{11} + 13 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(9, 2) = 12 \cdot 19^{11} + 5 \cdot 19^{12} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(9, 1, 1) = 4 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(8, 3) = 18 \cdot 19^{11} + 12 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(8, 2, 1) = 4 \cdot 19^{11} + 10 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(8, 1, 2) = 5 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(8, 1, 1, 1) = 4 \cdot 19^{11} + 18 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(7, 4) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{16} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(7, 3, 1) = 15 \cdot 19^{11} + 4 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(7, 2, 2) = 8 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(7, 2, 1, 1) = 13 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(7, 1, 3) = 2 \cdot 19^{11} + 2 \cdot 19^{12} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(7, 1, 2, 1) = 6 \cdot 19^{11} + 9 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(7, 1, 1, 2) = 12 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(7, 1, 1, 1, 1) = 17 \cdot 19^{11} + 14 \cdot 19^{12} + 5 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(6, 5) = 9 \cdot 19^{11} + 10 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(6, 4, 1) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(6, 3, 2) = 11 \cdot 19^{11} + 8 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(6, 3, 1, 1) = 17 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(6, 2, 3) = 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(6, 2, 2, 1) = 10 \cdot 19^{11} + 14 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(6, 2, 1, 2) = 4 \cdot 19^{11} + 9 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(6, 2, 1, 1, 1) = 10 \cdot 19^{11} + 8 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(6, 1, 4) = 6 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(6, 1, 3, 1) = 16 \cdot 19^{11} + 18 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(6, 1, 2, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(6, 1, 2, 1, 1) = 16 \cdot 19^{11} + 16 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(6, 1, 1, 3) = 5 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(6, 1, 1, 2, 1) = 17 \cdot 19^{11} + 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(6, 1, 1, 1, 2) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(6, 1, 1, 1, 1) = 18 \cdot 19^{11} + 8 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(5, 6) = 18 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(5, 5, 1) = 12 \cdot 19^{11} + 4 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(5, 4, 2) = 12 \cdot 19^{11} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(5, 4, 1, 1) = 11 \cdot 19^{11} + 3 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(5, 3, 3) = 11 \cdot 19^{11} + 3 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(5, 3, 2, 1) = 5 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(5, 3, 1, 2) = 12 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(5, 3, 1, 1, 1) = 7 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(5, 2, 4) = 15 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(5, 2, 3, 1) = 4 \cdot 19^{11} + 7 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(5, 2, 2, 2) = 5 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(5, 2, 2, 1, 1) = 15 \cdot 19^{11} + 11 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(5, 2, 1, 3) = 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(5, 2, 1, 2, 1) = 12 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(5, 2, 1, 1, 2) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(5, 2, 1, 1, 1, 1) = 5 \cdot 19^{11} + 9 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(5, 1, 5) = 10 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(5, 1, 4, 1) = 4 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(5, 1, 3, 2) = 4 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(5, 1, 3, 1, 1) = 11 \cdot 19^{11} + 11 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(5, 1, 2, 3) = 13 \cdot 19^{11} + 8 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(5, 1, 2, 2, 1) = 7 \cdot 19^{11} + 4 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(5, 1, 2, 1, 2) = 3 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(5, 1, 2, 1, 1, 1) = 12 \cdot 19^{11} + 16 \cdot 19^{12} + 7 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(5, 1, 1, 4) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(5, 1, 1, 3, 1) = 19^{11} + 13 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 11 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(5, 1, 1, 2, 2) = 7 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(5, 1, 1, 2, 1, 1) = 16 \cdot 19^{11} + 11 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(5, 1, 1, 1, 3) = 15 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(5, 1, 1, 1, 2, 1) = 6 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(5, 1, 1, 1, 2) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(5, 1, 1, 1, 1, 1) = 3 \cdot 19^{11} + 17 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(4, 7) = 13 \cdot 19^{11} + 13 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(4, 6, 1) = 14 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 5, 2) = 13 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 5, 1, 1) = 16 \cdot 19^{11} + 11 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 4, 3) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 4, 2, 1) = 17 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 4, 1, 2) = 14 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 4, 1, 1, 1) = 4 \cdot 19^{11} + 11 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 3, 4) = 6 \cdot 19^{11} + 17 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 3, 3, 1) = 2 \cdot 19^{11} + 7 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 3, 2, 2) = 16 \cdot 19^{11} + 8 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 3, 2, 1, 1) = 8 \cdot 19^{11} + 19^{13} + 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 3, 1, 3) = 15 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 3, 1, 2, 1) = 3 \cdot 19^{11} + 9 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{16} + 7 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 3, 1, 1, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 3, 1, 1, 1, 1) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 2, 5) = 10 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 2, 4, 1) = 16 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 2, 3, 2) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 2, 3, 1, 1) = 11 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 2, 2, 3) = 5 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 2, 2, 2, 1) = 15 \cdot 19^{11} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 2, 2, 1, 2) = 18 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 2, 2, 1, 1, 1) = 4 \cdot 19^{11} + 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 2, 1, 4) = 17 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 2, 1, 3, 1) = 18 \cdot 19^{11} + 11 \cdot 19^{12} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 2, 1, 2, 2) = 18 \cdot 19^{11} + 7 \cdot 19^{12} + 19^{13} + 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 2, 1, 2, 1, 1) = 9 \cdot 19^{11} + 15 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 2, 1, 1, 3) = 14 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 2, 1, 1, 2, 1) = 18 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 2, 1, 1, 1, 2) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 2, 1, 1, 1, 1, 1) = 3 \cdot 19^{11} + 4 \cdot 19^{12} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 6) = 2 \cdot 19^{11} + 10 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 5, 1) = 2 \cdot 19^{11} + 11 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 4, 2) = 5 \cdot 19^{11} + 12 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 4, 1, 1) = 16 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 3, 3) = 9 \cdot 19^{11} + 6 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 3, 2, 1) = 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 3, 1, 2) = 19^{11} + 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 3, 1, 1, 1) = 11 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 2, 4) = 17 \cdot 19^{11} + 2 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 2, 3, 1) = 16 \cdot 19^{11} + 18 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 2, 2, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 2, 2, 1, 1) = 15 \cdot 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 13 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 2, 1, 3) = 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 2, 1, 2, 1) = 10 \cdot 19^{11} + 8 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 2, 1, 1, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 2, 1, 1, 1, 1) = 6 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 5) = 3 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 4, 1) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 3, 2) = 9 \cdot 19^{11} + 16 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 3, 1, 1) = 13 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 2, 3) = 14 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 2, 2, 1) = 10 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 2, 1, 2) = 9 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 2, 1, 1, 1) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 4) = 13 \cdot 19^{11} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 3, 1) = 14 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 2, 2) = 4 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 2, 1, 1) = 8 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 3) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 2, 1) = 14 \cdot 19^{11} + 14 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 2) = 12 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 1, 1) = 14 \cdot 19^{11} + 17 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 8) = 9 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 7, 1) = 7 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 6, 2) = 18 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 6, 1, 1) = 14 \cdot 19^{11} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 5, 3) = 12 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 5, 2, 1) = 8 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 5, 1, 2) = 15 \cdot 19^{11} + 17 \cdot 19^{12} + 7 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 5, 1, 1, 1) = 6 \cdot 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 4, 4) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 4, 3, 1) = 13 \cdot 19^{11} + 2 \cdot 19^{12} + 4 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 4, 2, 2) = 3 \cdot 19^{11} + 15 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 4, 2, 1, 1) = 10 \cdot 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 4, 1, 3) = 12 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 4, 1, 2, 1) = 12 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 4, 1, 1, 2) = 9 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 4, 1, 1, 1, 1) = 4 \cdot 19^{11} + 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 3, 5) = 12 \cdot 19^{11} + 5 \cdot 19^{12} + 8 \cdot 19^{14} + 19^{15} + 15 \cdot 19^{16} + 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 3, 4, 1) = 18 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 3, 3, 2) = 3 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 3, 3, 1, 1) = 7 \cdot 19^{11} + 6 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 3, 2, 3) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 3, 2, 2, 1) = 3 \cdot 19^{11} + 11 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 3, 2, 1, 2) = 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 3, 2, 1, 1, 1) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 3, 1, 4) = 9 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 3, 1, 3, 1) = 5 \cdot 19^{11} + 12 \cdot 19^{12} + 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 3, 1, 2, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 3, 1, 2, 1, 1) = 9 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 3, 1, 1, 3) = 3 \cdot 19^{11} + 10 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 3, 1, 1, 2, 1) = 11 \cdot 19^{11} + 6 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 3, 1, 1, 1, 2) = 3 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 3, 1, 1, 1, 1, 1) = 8 \cdot 19^{11} + 12 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 6) = 7 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 5, 1) = 3 \cdot 19^{11} + 16 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 4, 2) = 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 4, 1, 1) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 3, 3) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{14} + 9 \cdot 19^{15} + 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 3, 2, 1) = 5 \cdot 19^{11} + 18 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 3, 1, 2) = 14 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 3, 1, 1, 1) = 3 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 2, 4) = 4 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 2, 3, 1) = 6 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 2, 2, 2) = 5 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 2, 2, 1, 1) = 12 \cdot 19^{11} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 2, 1, 3) = 13 \cdot 19^{11} + 13 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 2, 1, 2, 1) = 18 \cdot 19^{11} + 9 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 2, 1, 1, 2) = 18 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 2, 1, 1, 1, 1) = 2 \cdot 19^{11} + 3 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 5) = 3 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 4, 1) = 12 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 3, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 3, 1, 1) = 15 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 2, 3) = 19^{11} + 4 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 2, 2, 1) = 9 \cdot 19^{11} + 12 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 2, 1, 2) = 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 2, 1, 1, 1) = 17 \cdot 19^{11} + 6 \cdot 19^{12} + 2 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 4) = 5 \cdot 19^{11} + 4 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 3, 1) = 16 \cdot 19^{11} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 2, 2) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 2, 1, 1) = 17 \cdot 19^{11} + 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 3) = 4 \cdot 19^{11} + 11 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 2, 1) = 6 \cdot 19^{11} + 13 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 2) = 4 \cdot 19^{11} + 9 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^{11} + 3 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 7) = 16 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 6, 1) = 11 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 5, 2) = 17 \cdot 19^{11} + 13 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 5, 1, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 4, 3) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 4, 2, 1) = 9 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 4, 1, 2) = 15 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 4, 1, 1) = 7 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 3, 4) = 7 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 3, 3, 1) = 8 \cdot 19^{11} + 10 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{15} + 3 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 3, 2, 2) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 3, 2, 1, 1) = 7 \cdot 19^{11} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 3, 1, 3) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 3, 1, 2, 1) = 17 \cdot 19^{11} + 9 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 3, 1, 1, 2) = 19^{11} + 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 3, 1, 1, 1, 1) = 7 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 5) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 4, 1) = 19^{11} + 16 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 3, 2) = 17 \cdot 19^{11} + 13 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 3, 1, 1) = 6 \cdot 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 2, 3) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 2, 2, 1) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 2, 1, 2) = 14 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 2, 1, 1, 1) = 7 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 4) = 13 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 1, 3, 1) = 3 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 2, 2) = 4 \cdot 19^{11} + 18 \cdot 19^{12} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 2, 1, 1) = 11 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 3) = 6 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 2, 1) = 16 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 2) = 12 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 1, 1) = 7 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 6) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 5, 1) = 11 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 4, 2) = 8 \cdot 19^{11} + 17 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 4, 1, 1) = 9 \cdot 19^{11} + 15 \cdot 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 3, 3) = 12 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 3, 2, 1) = 18 \cdot 19^{11} + 5 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 3, 1, 2) = 15 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 3, 1, 1, 1) = 18 \cdot 19^{11} + 13 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 4) = 6 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 3, 1) = 17 \cdot 19^{11} + 16 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 2, 2) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 2, 1, 1) = 18 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 3) = 6 \cdot 19^{11} + 15 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 2, 1) = 4 \cdot 19^{11} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 2) = 14 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 1, 1) = 16 \cdot 19^{11} + 16 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 5) = 16 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 4, 1) = 16 \cdot 19^{11} + 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 3, 2) = 11 \cdot 19^{11} + 18 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 3, 1, 1) = 17 \cdot 19^{11} + 4 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 3) = 16 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 2, 1) = 11 \cdot 19^{11} + 10 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 2) = 15 \cdot 19^{11} + 17 \cdot 19^{12} + 7 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 1, 1) = 17 \cdot 19^{11} + 19^{12} + 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 4) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 3, 1) = 5 \cdot 19^{11} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 2) = 3 \cdot 19^{11} + 18 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 1, 1) = 18 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 3) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 19^{11} + 2 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 19^{11} + 16 \cdot 19^{12} + 6 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 9) = 15 \cdot 19^{11} + 18 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 8, 1) = 19^{11} + 11 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 7, 2) = 15 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 7, 1, 1) = 5 \cdot 19^{11} + 17 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 6, 3) = 18 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{15} + 14 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 6, 2, 1) = 10 \cdot 19^{11} + 18 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 6, 1, 2) = 3 \cdot 19^{11} + 18 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 6, 1, 1, 1) = 17 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 5, 4) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 5, 3, 1) = 17 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 5, 2, 2) = 7 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 5, 2, 1, 1) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 4 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 5, 1, 3) = 16 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 5, 1, 2, 1) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 5, 1, 1, 2) = 4 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 5, 1, 1, 1, 1) = 12 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 4, 5) = 6 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 4, 4, 1) = 6 \cdot 19^{11} + 4 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 4, 3, 2) = 8 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 4, 3, 1, 1) = 9 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 4, 2, 3) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 4, 2, 2, 1) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 4, 2, 1, 2) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 4, 2, 1, 1, 1) = 9 \cdot 19^{11} + 11 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 4, 1, 4) = 4 \cdot 19^{11} + 7 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 4, 1, 3, 1) = 11 \cdot 19^{11} + 14 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 4, 1, 2, 2) = 2 \cdot 19^{11} + 9 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 4, 1, 2, 1, 1) = 14 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 4, 1, 1, 3) = 2 \cdot 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 4, 1, 1, 2, 1) = 8 \cdot 19^{11} + 10 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 4, 1, 1, 1, 2) = 7 \cdot 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 4, 1, 1, 1, 1, 1) = 7 \cdot 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 6) = 5 \cdot 19^{11} + 4 \cdot 19^{13} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 5, 1) = 8 \cdot 19^{11} + 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 10 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 4, 2) = 6 \cdot 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 4, 1, 1) = 6 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 3, 3) = 17 \cdot 19^{11} + 12 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 3, 2, 1) = 16 \cdot 19^{13} + 14 \cdot 19^{14} + 6 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 3, 1, 2) = 4 \cdot 19^{11} + 18 \cdot 19^{12} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 3, 1, 1, 1) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 2, 4) = 12 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 2, 3, 1) = 7 \cdot 19^{11} + 9 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 2, 2, 2) = 5 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 2, 2, 1, 1) = 9 \cdot 19^{11} + 16 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 13 \cdot 19^{18} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 2, 1, 3) = 6 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 2, 1, 2, 1) = 17 \cdot 19^{11} + 3 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 2, 1, 1, 2) = 18 \cdot 19^{11} + 7 \cdot 19^{12} + 19^{13} + 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 2, 1, 1, 1, 1) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 5) = 15 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 4, 1) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 3, 2) = 4 \cdot 19^{11} + 8 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 3, 1, 1) = 5 \cdot 19^{11} + 2 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 2, 3) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 2, 2, 1) = 4 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 2, 1, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 2, 1, 1, 1) = 10 \cdot 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 4) = 10 \cdot 19^{11} + 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 3, 1) = 11 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 2, 2) = 2 \cdot 19^{11} + 9 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 2, 1, 1) = 6 \cdot 19^{11} + 3 \cdot 19^{12} + 18 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 3) = 16 \cdot 19^{11} + 18 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 2, 1) = 5 \cdot 19^{11} + 16 \cdot 19^{12} + 16 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 1, 1) = 18 \cdot 19^{11} + 14 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 7) = 7 \cdot 19^{11} + 15 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 6, 1) = 15 \cdot 19^{11} + 5 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 5, 2) = 15 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 5, 1, 1) = 19^{11} + 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 4, 3) = 4 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 4, 2, 1) = 2 \cdot 19^{11} + 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 4, 1, 2) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 4, 1, 1, 1) = 7 \cdot 19^{11} + 4 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 3, 4) = 15 \cdot 19^{11} + 7 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 3, 3, 1) = 19^{11} + 2 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 3, 2, 2) = 10 \cdot 19^{11} + 5 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 3, 2, 1, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 3, 1, 3) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 3, 1, 2, 1) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 3, 1, 1, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 3, 1, 1, 1, 1) = 2 \cdot 19^{11} + 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 5) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 4, 1) = 5 \cdot 19^{11} + 17 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 3, 2) = 6 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 3, 1, 1) = 2 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 2, 3) = 4 \cdot 19^{11} + 6 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 2, 2, 1) = 16 \cdot 19^{11} + 10 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 2, 1, 2) = 5 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 2, 1, 1, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 4) = 16 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 3, 1) = 4 \cdot 19^{11} + 8 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 2, 2) = 5 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 2, 1, 1) = 10 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 3) = 4 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 2, 1) = 14 \cdot 19^{11} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 2) = 5 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 19^{11} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 6) = 10 \cdot 19^{11} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 5, 1) = 7 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 4, 2) = 6 \cdot 19^{11} + 9 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 4, 1, 1) = 12 \cdot 19^{11} + 3 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 3, 3) = 9 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 3, 2, 1) = 18 \cdot 19^{11} + 10 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 3, 1, 2) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 3, 1, 1, 1) = 7 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 4) = 14 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 3, 1) = 11 \cdot 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 2, 2) = 10 \cdot 19^{11} + 5 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 2, 1, 1) = 2 \cdot 19^{11} + 3 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 3) = 2 \cdot 19^{11} + 14 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 2, 1) = 7 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 2) = 16 \cdot 19^{11} + 8 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 1, 1) = 4 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 5) = 14 \cdot 19^{11} + 11 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 4, 1) = 12 \cdot 19^{11} + 18 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 3, 2) = 18 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 3, 1, 1) = 14 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 3) = 2 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 2, 1) = 12 \cdot 19^{11} + 8 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 2) = 3 \cdot 19^{11} + 15 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 1, 1) = 9 \cdot 19^{11} + 16 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 4) = 2 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 3, 1) = 15 \cdot 19^{11} + 14 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 2) = 7 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 1, 1) = 4 \cdot 19^{11} + 13 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 3) = 9 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 19^{11} + 9 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 2) = 8 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 14 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 8) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 7, 1) = 12 \cdot 19^{11} + 3 \cdot 19^{12} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 6, 2) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 6, 1, 1) = 4 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 5, 3) = 9 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 5, 2, 1) = 3 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 5, 1, 2) = 11 \cdot 19^{11} + 18 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 5, 1, 1, 1) = 18 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 4, 4) = 12 \cdot 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 4, 3, 1) = 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 4, 2, 2) = 18 \cdot 19^{11} + 10 \cdot 19^{12} + 10 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 4, 2, 1, 1) = 9 \cdot 19^{11} + 10 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 4, 1, 3) = 12 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 4, 1, 2, 1) = 13 \cdot 19^{11} + 5 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 4, 1, 1, 2) = 9 \cdot 19^{11} + 16 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 4, 1, 1, 1, 1) = 5 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 5) = 7 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 19^{15} + 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 4, 1) = 15 \cdot 19^{11} + 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 3, 2) = 13 \cdot 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 3, 1, 1) = 3 \cdot 19^{11} + 4 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 2, 3) = 5 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 2, 2, 1) = 7 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 2, 1, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 2, 1, 1, 1) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 4) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 3, 1) = 17 \cdot 19^{11} + 9 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 2, 2) = 4 \cdot 19^{11} + 8 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 2, 1, 1) = 18 \cdot 19^{11} + 13 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 3) = 2 \cdot 19^{12} + 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 2, 1) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 3 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 2) = 4 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 1, 1) = 18 \cdot 19^{11} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 6) = 12 \cdot 19^{11} + 16 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 5, 1) = 17 \cdot 19^{11} + 3 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 4, 2) = 14 \cdot 19^{11} + 16 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 4, 1, 1) = 5 \cdot 19^{11} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 19^{17} + 15 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 3, 3) = 16 \cdot 19^{11} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 3, 2, 1) = 12 \cdot 19^{11} + 7 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 3, 1, 2) = 17 \cdot 19^{11} + 13 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 3, 1, 1, 1) = 13 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 4) = 11 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 3, 1) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 2, 2) = 6 \cdot 19^{11} + 14 \cdot 19^{12} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 2, 1, 1) = 16 \cdot 19^{11} + 6 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 3) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{17} + 13 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 2, 1) = 12 \cdot 19^{11} + 13 \cdot 19^{12} + 9 \cdot 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 2) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 1, 1) = 16 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 5) = 5 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 4, 1) = 12 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 3, 2) = 13 \cdot 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 3, 1, 1) = 10 \cdot 19^{11} + 13 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 3) = 2 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 2, 1) = 13 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 2) = 3 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 1, 1) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 4) = 11 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 3, 1) = 17 \cdot 19^{11} + 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 2) = 8 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 3) = 2 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{16} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 2, 1) = 19^{11} + 5 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 2) = 11 \cdot 19^{11} + 8 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 12 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 7) = 14 \cdot 19^{11} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 6, 1) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 5, 2) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 5, 1, 1) = 5 \cdot 19^{11} + 2 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 4, 3) = 2 \cdot 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 4, 2, 1) = 10 \cdot 19^{11} + 12 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 4, 1, 2) = 8 \cdot 19^{11} + 17 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 4, 1, 1, 1) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 4) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 3, 1) = 4 \cdot 19^{11} + 8 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 2, 2) = 6 \cdot 19^{11} + 9 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 2, 1, 1) = 8 \cdot 19^{11} + 15 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 3) = 10 \cdot 19^{11} + 9 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 2, 1) = 6 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 2) = 5 \cdot 19^{11} + 12 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 1, 1) = 6 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 5) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 4, 1) = 15 \cdot 19^{11} + 11 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 3, 2) = 14 \cdot 19^{11} + 16 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 3, 1, 1) = 17 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 3) = 10 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 2, 1) = 13 \cdot 19^{11} + 9 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 2) = 19^{11} + 6 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 1, 1) = 2 \cdot 19^{11} + 12 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 4) = 4 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 3, 1) = 11 \cdot 19^{11} + 17 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 2) = 6 \cdot 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 1, 1) = 13 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 3) = 18 \cdot 19^{11} + 8 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 2, 1) = 8 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 2) = 12 \cdot 19^{11} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 19^{11} + 14 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 6) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 5, 1) = 6 \cdot 19^{11} + 18 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 4, 2) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 4, 1, 1) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 3) = 17 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 2, 1) = 16 \cdot 19^{11} + 10 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 2) = 17 \cdot 19^{11} + 13 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 4) = 9 \cdot 19^{11} + 3 \cdot 19^{12} + 16 \cdot 19^{14} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 3, 1) = 11 \cdot 19^{11} + 17 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 2) = 15 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 1, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 3) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 2, 1) = 10 \cdot 19^{12} + 14 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 2) = 13 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 17 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 5) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 4, 1) = 10 \cdot 19^{11} + 3 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 2) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 3) = 2 \cdot 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 2, 1) = 9 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 2) = 18 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 13 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 4) = 3 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 1) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 2) = 15 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 19^{11} + 10 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 3) = 18 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 2, 1) = 19^{11} + 5 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 19^{11} + 5 \cdot 19^{12} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 19^{11} + 16 \cdot 19^{12} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 10) = 17 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 9, 1) = 8 \cdot 19^{11} + 2 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 8, 2) = 18 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 8, 1, 1) = 13 \cdot 19^{11} + 12 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 7, 3) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 7, 2, 1) = 17 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 7, 1, 2) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 7, 1, 1, 1) = 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 6, 4) = 10 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 6, 3, 1) = 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 7 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 6, 2, 2) = 9 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 6, 2, 1, 1) = 11 \cdot 19^{11} + 12 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 6, 1, 3) = 3 \cdot 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 6, 1, 2, 1) = 2 \cdot 19^{11} + 15 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 6, 1, 1, 2) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 6, 1, 1, 1, 1) = 5 \cdot 19^{11} + 15 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 5, 5) = 8 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 5, 4, 1) = 8 \cdot 19^{11} + 5 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 5, 3, 2) = 2 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{16} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 5, 3, 1, 1) = 5 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 5, 2, 3) = 12 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 5, 2, 2, 1) = 3 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 5, 2, 1, 2) = 4 \cdot 19^{11} + 11 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 5, 2, 1, 1, 1) = 8 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 5, 1, 4) = 3 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 5, 1, 3, 1) = 5 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 5, 1, 2, 2) = 16 \cdot 19^{11} + 18 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 5, 1, 2, 1, 1) = 18 \cdot 19^{11} + 14 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 5, 1, 1, 3) = 11 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 5, 1, 1, 2, 1) = 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 5, 1, 1, 1, 2) = 15 \cdot 19^{11} + 4 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 5, 1, 1, 1, 1) = 19^{11} + 13 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 6) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 5, 1) = 16 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 4, 2) = 18 \cdot 19^{11} + 8 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 4, 1, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 3, 3) = 4 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 3, 2, 1) = 16 \cdot 19^{11} + 13 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 17 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 3, 1, 2) = 6 \cdot 19^{11} + 18 \cdot 19^{12} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 3, 1, 1, 1) = 9 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 2, 4) = 14 \cdot 19^{11} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 2, 3, 1) = 17 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 2, 2, 2) = 4 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 2, 2, 1, 1) = 7 \cdot 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 2, 1, 3) = 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 2, 1, 2, 1) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 2 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 2, 1, 1, 2) = 14 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 2, 1, 1, 1, 1) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 15 \cdot 19^{15} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 5) = 8 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 4, 1) = 8 \cdot 19^{11} + 6 \cdot 19^{12} + 6 \cdot 19^{13} + 3 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 3, 2) = 2 \cdot 19^{12} + 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 3, 1, 1) = 13 \cdot 19^{11} + 16 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 2, 3) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 2, 2, 1) = 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 2, 1, 2) = 3 \cdot 19^{11} + 10 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 2, 1, 1, 1) = 10 \cdot 19^{11} + 5 \cdot 19^{12} + 17 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 4) = 5 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 3, 1) = 7 \cdot 19^{11} + 16 \cdot 19^{12} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 2, 2) = 2 \cdot 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 2, 1, 1) = 8 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 3) = 11 \cdot 19^{11} + 10 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 2, 1) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 2) = 5 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 1) = 13 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 7) = 12 \cdot 19^{11} + 4 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 6, 1) = 9 \cdot 19^{11} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 5, 2) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 5, 1, 1) = 7 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 4, 3) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 4, 2, 1) = 11 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 4, 1, 2) = 6 \cdot 19^{11} + 15 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 4, 1, 1, 1) = 7 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 3, 4) = 10 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 3, 3, 1) = 13 \cdot 19^{11} + 9 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 3, 2, 2) = 2 \cdot 19^{11} + 14 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 3, 2, 1, 1) = 7 \cdot 19^{11} + 3 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 3, 1, 3) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 3, 1, 2, 1) = 6 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 3, 1, 1, 2) = 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 3, 1, 1, 1) = 9 \cdot 19^{11} + 10 \cdot 19^{12} + 12 \cdot 19^{13} + 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 5) = 16 \cdot 19^{12} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 4, 1) = 9 \cdot 19^{11} + 2 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 3, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{17} + 13 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 3, 1, 1) = 15 \cdot 19^{11} + 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 2, 3) = 7 \cdot 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 2, 2, 1) = 10 \cdot 19^{11} + 7 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 2, 1, 2) = 13 \cdot 19^{11} + 13 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 2, 1, 1, 1) = 15 \cdot 19^{11} + 4 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 4) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 3, 1) = 2 \cdot 19^{11} + 4 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 2, 2) = 6 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 2, 1, 1) = 9 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 3) = 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 2, 1) = 5 \cdot 19^{11} + 2 \cdot 19^{12} + 17 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 2) = 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 1) = 9 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 6) = 15 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 5, 1) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 4, 2) = 10 \cdot 19^{11} + 9 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 4, 1, 1) = 11 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 3, 3) = 8 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 3, 2, 1) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 3, 1, 2) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 3, 1, 1, 1) = 9 \cdot 19^{11} + 16 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 4) = 7 \cdot 19^{12} + 19^{14} + 18 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 3, 1) = 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 2, 2) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 2, 1, 1) = 17 \cdot 19^{11} + 18 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 3) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 2, 1) = 3 \cdot 19^{11} + 7 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 2) = 15 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 1, 1) = 4 \cdot 19^{11} + 18 \cdot 19^{12} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 5) = 9 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 4, 1) = 2 \cdot 19^{11} + 17 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 3, 2) = 12 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 3, 1, 1) = 18 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 3) = 10 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 2, 1) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 2) = 12 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 1, 1) = 15 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 4) = 17 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 3, 1) = 5 \cdot 19^{11} + 10 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 2) = 16 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 1, 1) = 13 \cdot 19^{11} + 12 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 3) = 3 \cdot 19^{11} + 9 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 2, 1) = 7 \cdot 19^{11} + 2 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 2) = 2 \cdot 19^{11} + 2 \cdot 19^{12} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 8) = 5 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 7, 1) = 12 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 6, 2) = 2 \cdot 19^{11} + 8 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 6, 1, 1) = 6 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 5, 3) = 6 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 5, 2, 1) = 7 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 5, 1, 2) = 16 \cdot 19^{11} + 15 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 5, 1, 1, 1) = 6 \cdot 19^{11} + 10 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 4, 4) = 17 \cdot 19^{11} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 4, 3, 1) = 2 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 4, 2, 2) = 2 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 4, 2, 1, 1) = 2 \cdot 19^{11} + 4 \cdot 19^{12} + 10 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 4, 1, 3) = 10 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 4, 1, 2, 1) = 10 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 4, 1, 1, 2) = 14 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 4, 1, 1, 1, 1) = 5 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 5) = 4 \cdot 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 4, 1) = 16 \cdot 19^{11} + 12 \cdot 19^{13} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 3, 2) = 2 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 3, 1, 1) = 15 \cdot 19^{11} + 10 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 2, 3) = 11 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 2, 2, 1) = 12 \cdot 19^{11} + 6 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 16 \cdot 19^{15} + 12 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 2, 1, 2) = 19^{11} + 4 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 2, 1, 1, 1) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 4) = 4 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 3 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 3, 1) = 5 \cdot 19^{11} + 14 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 2, 2) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 2, 1, 1) = 10 \cdot 19^{11} + 9 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 3) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 2, 1) = 7 \cdot 19^{11} + 5 \cdot 19^{12} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 2) = 13 \cdot 19^{11} + 8 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 1, 1) = 12 \cdot 19^{11} + 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 6) = 19^{11} + 14 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 5, 1) = 9 \cdot 19^{11} + 6 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 4, 2) = 10 \cdot 19^{11} + 4 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 4, 1, 1) = 5 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 3, 3) = 17 \cdot 19^{11} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 3, 2, 1) = 11 \cdot 19^{11} + 12 \cdot 19^{12} + 6 \cdot 19^{13} + 17 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 3, 1, 2) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 3, 1, 1, 1) = 10 \cdot 19^{12} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 4) = 10 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 3, 1) = 10 \cdot 19^{11} + 13 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 2, 2) = 4 \cdot 19^{11} + 6 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 2, 1, 1) = 6 \cdot 19^{11} + 10 \cdot 19^{12} + 8 \cdot 19^{13} + 17 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 3) = 7 \cdot 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 2, 1) = 7 \cdot 19^{11} + 3 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 2) = 5 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 1, 1) = 19^{11} + 2 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 5) = 8 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 4, 1) = 10 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 3, 2) = 5 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 3, 1, 1) = 5 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 3) = 11 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 2, 1) = 17 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 2) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 1, 1) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 4) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 3, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 2) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 1, 1) = 5 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 3) = 12 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 2, 1) = 4 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 2) = 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 15 \cdot 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 7) = 5 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 6, 1) = 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 5, 2) = 17 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 5, 1, 1) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 4, 3) = 3 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 4, 2, 1) = 19^{11} + 17 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 4, 1, 2) = 12 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 4, 1, 1, 1) = 18 \cdot 19^{11} + 18 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 4) = 9 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 3, 1) = 7 \cdot 19^{11} + 6 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 2, 2) = 9 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 2, 1, 1) = 18 \cdot 19^{11} + 13 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 3) = 8 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 2, 1) = 12 \cdot 19^{11} + 3 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 2) = 9 \cdot 19^{11} + 6 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 1, 1) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 5) = 18 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 4, 1) = 10 \cdot 19^{11} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 3, 2) = 16 \cdot 19^{11} + 12 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 3, 1, 1) = 13 \cdot 19^{11} + 14 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 3) = 17 \cdot 19^{11} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 2, 1) = 6 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 2) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 19^{14} + 9 \cdot 19^{15} + 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 1, 1) = 15 \cdot 19^{11} + 14 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 4) = 2 \cdot 19^{11} + 18 \cdot 19^{12} + 4 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 3, 1) = 8 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 2) = 17 \cdot 19^{11} + 12 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 1, 1) = 5 \cdot 19^{11} + 6 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 3) = 4 \cdot 19^{11} + 12 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 2, 1) = 3 \cdot 19^{11} + 9 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 2) = 11 \cdot 19^{11} + 3 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 18 \cdot 19^{11} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 6) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 5, 1) = 16 \cdot 19^{11} + 16 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 4, 2) = 2 \cdot 19^{11} + 5 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 4, 1, 1) = 2 \cdot 19^{11} + 10 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 3) = 3 \cdot 19^{11} + 18 \cdot 19^{12} + 19^{13} + 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 2, 1) = 14 \cdot 19^{11} + 15 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 2) = 12 \cdot 19^{11} + 17 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 1) = 19^{11} + 12 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 4) = 6 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 3, 1) = 10 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 2) = 4 \cdot 19^{11} + 15 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 1, 1) = 3 \cdot 19^{11} + 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 3) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 2, 1) = 13 \cdot 19^{11} + 17 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 2) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 18 \cdot 19^{11} + 18 \cdot 19^{12} + 17 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 5) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 4, 1) = 2 \cdot 19^{11} + 10 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 2) = 9 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 1, 1) = 15 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 3) = 6 \cdot 19^{11} + 10 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 2, 1) = 6 \cdot 19^{11} + 7 \cdot 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 2) = 12 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 4) = 18 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 3, 1) = 18 \cdot 19^{11} + 18 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 2) = 18 \cdot 19^{11} + 3 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{15} + 14 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 3) = 8 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 19^{11} + 10 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 18 \cdot 19^{11} + 12 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 9) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 8, 1) = 2 \cdot 19^{11} + 9 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 7, 2) = 3 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 7, 1, 1) = 18 \cdot 19^{11} + 4 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 6, 3) = 18 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 6, 2, 1) = 17 \cdot 19^{11} + 14 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 6, 1, 2) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 6, 1, 1, 1) = 15 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 5, 4) = 15 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 5, 3, 1) = 7 \cdot 19^{11} + 11 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 5, 2, 2) = 2 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 5, 2, 1, 1) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 5, 1, 3) = 17 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 5, 1, 2, 1) = 6 \cdot 19^{11} + 5 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 5, 1, 1, 2) = 13 \cdot 19^{11} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 5, 1, 1, 1, 1) = 8 \cdot 19^{11} + 17 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 5) = 14 \cdot 19^{11} + 14 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 4, 1) = 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 3, 2) = 11 \cdot 19^{11} + 12 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 3, 1, 1) = 8 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 2, 3) = 7 \cdot 19^{11} + 17 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 2, 2, 1) = 17 \cdot 19^{11} + 19^{12} + 12 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 2, 1, 2) = 5 \cdot 19^{11} + 4 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 2, 1, 1, 1) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 4) = 5 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 3, 1) = 7 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 2, 2) = 10 \cdot 19^{11} + 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 2, 1, 1) = 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 3) = 5 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 2, 1) = 11 \cdot 19^{11} + 14 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 2) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 1, 1) = 5 \cdot 19^{11} + 6 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 6) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 5, 1) = 10 \cdot 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 4, 2) = 4 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 4, 1, 1) = 2 \cdot 19^{11} + 4 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 3, 3) = 2 \cdot 19^{11} + 18 \cdot 19^{12} + 4 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 3, 2, 1) = 18 \cdot 19^{11} + 8 \cdot 19^{12} + 6 \cdot 19^{13} + 3 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 3, 1, 2) = 13 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 3, 1, 1, 1) = 15 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 4) = 2 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 3, 1) = 13 \cdot 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 2) = 16 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 2, 1, 1) = 10 \cdot 19^{11} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 3) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 2, 1) = 10 \cdot 19^{11} + 6 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 2) = 17 \cdot 19^{11} + 12 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 1, 1) = 19^{11} + 11 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 5) = 3 \cdot 19^{11} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 4, 1) = 7 \cdot 19^{11} + 12 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 3, 2) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 3, 1, 1) = 10 \cdot 19^{11} + 18 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 3) = 4 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 3 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 2, 1) = 12 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 2) = 9 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 1, 1) = 5 \cdot 19^{11} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 4) = 5 \cdot 19^{11} + 14 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 3, 1) = 14 \cdot 19^{11} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 2) = 4 \cdot 19^{11} + 7 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 1, 1) = 4 \cdot 19^{11} + 16 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 3) = 3 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 2, 1) = 10 \cdot 19^{11} + 4 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 2) = 6 \cdot 19^{11} + 13 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 14 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 7) = 8 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 6, 1) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 5, 2) = 9 \cdot 19^{11} + 3 \cdot 19^{12} + 16 \cdot 19^{14} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 5, 1, 1) = 10 \cdot 19^{11} + 13 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 4, 3) = 6 \cdot 19^{11} + 8 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 4, 2, 1) = 9 \cdot 19^{11} + 19^{12} + 17 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 4, 1, 2) = 6 \cdot 19^{11} + 12 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 4, 1, 1, 1) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 4) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 3, 1) = 4 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 2, 2) = 14 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 2, 1, 1) = 4 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 8 \cdot 19^{15} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 3) = 7 \cdot 19^{12} + 19^{14} + 18 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 2, 1) = 14 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 2) = 17 \cdot 19^{11} + 2 \cdot 19^{12} + 8 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 1) = 2 \cdot 19^{11} + 16 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 5) = 18 \cdot 19^{11} + 16 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 4, 1) = 8 \cdot 19^{11} + 16 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 3, 2) = 11 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 3, 1, 1) = 5 \cdot 19^{11} + 9 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 3) = 10 \cdot 19^{11} + 11 \cdot 19^{12} + 18 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 2, 1) = 14 \cdot 19^{11} + 16 \cdot 19^{12} + 10 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 2) = 4 \cdot 19^{11} + 10 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 1, 1) = 14 \cdot 19^{11} + 14 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 4) = 2 \cdot 19^{11} + 16 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 3, 1) = 2 \cdot 19^{11} + 13 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 2) = 12 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 1, 1) = 17 \cdot 19^{11} + 14 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 3) = 14 \cdot 19^{11} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 2, 1) = 2 \cdot 19^{11} + 11 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 2) = 15 \cdot 19^{11} + 4 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 15 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 6) = 4 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 5, 1) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 4, 2) = 16 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 4, 1, 1) = 14 \cdot 19^{11} + 5 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 3) = 9 \cdot 19^{11} + 12 \cdot 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 2, 1) = 2 \cdot 19^{11} + 15 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 2) = 7 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 1, 1) = 7 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 4) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 3, 1) = 12 \cdot 19^{11} + 3 \cdot 19^{12} + 2 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 2) = 15 \cdot 19^{11} + 7 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 1, 1) = 4 \cdot 19^{11} + 5 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 3) = 10 \cdot 19^{11} + 19^{12} + 16 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 2, 1) = 6 \cdot 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 2) = 6 \cdot 19^{11} + 17 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 5) = 4 \cdot 19^{11} + 5 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 4, 1) = 7 \cdot 19^{11} + 8 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 2) = 12 \cdot 19^{11} + 15 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 1, 1) = 16 \cdot 19^{11} + 15 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 3) = 17 \cdot 19^{11} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 2, 1) = 13 \cdot 19^{11} + 15 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 2) = 14 \cdot 19^{11} + 8 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 14 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 4) = 15 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 3, 1) = 15 \cdot 19^{11} + 11 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 2) = 17 \cdot 19^{11} + 7 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 3) = 10 \cdot 19^{11} + 15 \cdot 19^{12} + 7 \cdot 19^{13} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 13 \cdot 19^{11} + 7 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 14 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{16} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^{11} + 4 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 8) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 7, 1) = 10 \cdot 19^{11} + 16 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 6, 2) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 6, 1, 1) = 17 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 5, 3) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 5, 2, 1) = 5 \cdot 19^{11} + 10 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 5, 1, 2) = 16 \cdot 19^{11} + 13 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 5, 1, 1, 1) = 8 \cdot 19^{11} + 17 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 4) = 4 \cdot 19^{11} + 5 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 3, 1) = 4 \cdot 19^{11} + 7 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 2, 2) = 14 \cdot 19^{11} + 11 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 2, 1, 1) = 11 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 3) = 9 \cdot 19^{11} + 15 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 2, 1) = 9 \cdot 19^{11} + 4 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 2) = 3 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 1, 1) = 12 \cdot 19^{11} + 18 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 5) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 4, 1) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 3, 2) = 5 \cdot 19^{11} + 11 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 3, 1, 1) = 18 \cdot 19^{11} + 5 \cdot 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 3) = 8 \cdot 19^{11} + 8 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 2, 1) = 9 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 2) = 3 \cdot 19^{11} + 18 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 1, 1) = 12 \cdot 19^{11} + 13 \cdot 19^{12} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 4) = 3 \cdot 19^{11} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 3, 1) = 15 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 2) = 15 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 1, 1) = 8 \cdot 19^{11} + 12 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 3) = 8 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 2, 1) = 16 \cdot 19^{11} + 17 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 2) = 10 \cdot 19^{11} + 9 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 6) = 15 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 5, 1) = 17 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 4, 2) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 4, 1, 1) = 16 \cdot 19^{11} + 6 \cdot 19^{12} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 3) = 18 \cdot 19^{11} + 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 2, 1) = 15 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 2) = 3 \cdot 19^{11} + 8 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 1, 1) = 10 \cdot 19^{11} + 13 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 4) = 18 \cdot 19^{11} + 16 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 3, 1) = 6 \cdot 19^{11} + 11 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 2) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 1, 1) = 17 \cdot 19^{11} + 16 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 3) = 16 \cdot 19^{12} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 2, 1) = 6 \cdot 19^{11} + 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 2) = 10 \cdot 19^{11} + 7 \cdot 19^{12} + 16 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 5) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 4, 1) = 8 \cdot 19^{11} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 2) = 7 \cdot 19^{11} + 15 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 19^{15} + 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 1, 1) = 15 \cdot 19^{11} + 17 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 3) = 4 \cdot 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 2, 1) = 9 \cdot 19^{11} + 7 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 2) = 12 \cdot 19^{11} + 5 \cdot 19^{12} + 8 \cdot 19^{14} + 19^{15} + 15 \cdot 19^{16} + 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 9 \cdot 19^{11} + 17 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 4) = 14 \cdot 19^{11} + 14 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 3, 1) = 7 \cdot 19^{11} + 14 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 2) = 6 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 18 \cdot 19^{11} + 18 \cdot 19^{12} + 17 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 3) = 8 \cdot 19^{11} + 18 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 17 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 9 \cdot 19^{11} + 10 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 11 \cdot 19^{11} + 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 7) = 3 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 6, 1) = 7 \cdot 19^{11} + 16 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 5, 2) = 14 \cdot 19^{11} + 7 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 5, 1, 1) = 9 \cdot 19^{11} + 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 4, 3) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 2, 1) = 10 \cdot 19^{11} + 10 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 4, 1, 2) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 1, 1, 1) = 5 \cdot 19^{11} + 6 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 4) = 4 \cdot 19^{11} + 12 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 3, 1) = 5 \cdot 19^{11} + 13 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 2, 2) = 10 \cdot 19^{11} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 2, 1, 1) = 9 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 3) = 15 \cdot 19^{11} + 2 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 2, 1) = 5 \cdot 19^{11} + 18 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 2) = 2 \cdot 19^{11} + 10 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 18 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 5) = 15 \cdot 19^{11} + 6 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 4, 1) = 9 \cdot 19^{11} + 7 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 3, 2) = 12 \cdot 19^{11} + 16 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 3, 1, 1) = 15 \cdot 19^{11} + 11 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 3) = 19^{11} + 14 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 2, 1) = 10 \cdot 19^{11} + 12 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 2) = 7 \cdot 19^{11} + 4 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 15 \cdot 19^{11} + 6 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 4) = 3 \cdot 19^{11} + 2 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 3, 1) = 7 \cdot 19^{11} + 9 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 2) = 5 \cdot 19^{11} + 4 \cdot 19^{13} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 18 \cdot 19^{11} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 3) = 10 \cdot 19^{11} + 6 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 19^{11} + 14 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 18 \cdot 19^{11} + 13 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 19^{11} + 17 \cdot 19^{12} + 9 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 6) = 3 \cdot 19^{11} + 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 5, 1) = 12 \cdot 19^{11} + 15 \cdot 19^{13} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 4, 2) = 14 \cdot 19^{11} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 4, 1, 1) = 3 \cdot 19^{11} + 7 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 3) = 5 \cdot 19^{11} + 10 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 2, 1) = 10 \cdot 19^{12} + 10 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 2) = 16 \cdot 19^{11} + 3 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 14 \cdot 19^{11} + 3 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 4) = 8 \cdot 19^{11} + 2 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 3, 1) = 10 \cdot 19^{11} + 3 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 2) = 7 \cdot 19^{11} + 15 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 15 \cdot 19^{11} + 5 \cdot 19^{12} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 3) = 12 \cdot 19^{11} + 4 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 12 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 13 \cdot 19^{11} + 13 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 11 \cdot 19^{11} + 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 5) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 4, 1) = 14 \cdot 19^{11} + 17 \cdot 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 2) = 8 \cdot 19^{11} + 3 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 3 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 3) = 5 \cdot 19^{11} + 12 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 14 \cdot 19^{11} + 16 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 2) = 9 \cdot 19^{11} + 11 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 19^{11} + 4 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 4) = 18 \cdot 19^{11} + 2 \cdot 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 3, 1) = 3 \cdot 19^{11} + 16 \cdot 19^{12} + 6 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2, 2) = 15 \cdot 19^{11} + 18 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = 19^{11} + 3 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 3) = 17 \cdot 19^{11} + 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 19^{11} + 16 \cdot 19^{12} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 19^{11} + 13 \cdot 19^{12} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \end{aligned}$$

**8.13. weight 12 case.**

$$\begin{aligned} \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(12) = O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(11, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(10, 2) = 11 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(10, 1, 1) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(9, 3) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(9, 2, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(9, 1, 2) = 11 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(9, 1, 1, 1) = 7 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(8, 4) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(8, 3, 1) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(8, 2, 2) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(8, 2, 1, 1) = 17 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(8, 1, 3) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(8, 1, 2, 1) = 18 \cdot 19^{12} + 10 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(8, 1, 1, 2) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(8, 1, 1, 1, 1) = 11 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(7, 5) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(7, 4, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(7, 3, 2) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(7, 3, 1, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 7 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(7, 2, 3) = 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(7, 2, 2, 1) = 14 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(7, 2, 1, 2) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(7, 2, 1, 1, 1) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(7, 1, 4) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(7, 1, 3, 1) = 18 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(7, 1, 2, 2) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(7, 1, 2, 1, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(7, 1, 1, 3) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(7, 1, 1, 2, 1) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(7, 1, 1, 1, 2) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(7, 1, 1, 1, 1, 1) = 4 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(6, 6) = O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(6, 5, 1) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(6, 4, 2) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(6, 4, 1, 1) = 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(6, 3, 3) = 4 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(6, 3, 2, 1) = 5 \cdot 19^{12} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(6, 3, 1, 2) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(6, 3, 1, 1, 1) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(6, 2, 4) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(6, 2, 3, 1) = 6 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(6, 2, 2, 2) = 10 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(6, 2, 2, 1, 1) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(6, 2, 1, 3) = 7 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(6, 2, 1, 2, 1) = 8 \cdot 19^{12} + 13 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(6, 2, 1, 1, 2) = 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(6, 2, 1, 1, 1, 1) = 2 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(6, 1, 5) = 11 \cdot 19^{12} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(6, 1, 4, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(6, 1, 3, 2) = 15 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(6, 1, 3, 1, 1) = 2 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(6, 1, 2, 3) = 6 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(6, 1, 2, 2, 1) = 15 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(6, 1, 2, 1, 2) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(6, 1, 2, 1, 1, 1) = 8 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(6, 1, 1, 4) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(6, 1, 1, 3, 1) = 8 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(6, 1, 1, 2, 2) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(6, 1, 1, 2, 1, 1) = 11 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(6, 1, 1, 1, 3) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(6, 1, 1, 1, 2, 1) = 17 \cdot 19^{12} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(6, 1, 1, 1, 1, 2) = 11 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(6, 1, 1, 1, 1, 1) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(5, 7) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(5, 6, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(5, 5, 2) = 12 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(5, 5, 1, 1) = 15 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(5, 4, 3) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(5, 4, 2, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(5, 4, 1, 2) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(5, 4, 1, 1, 1) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(5, 3, 4) = 16 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(5, 3, 3, 1) = 7 \cdot 19^{12} + 4 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(5, 3, 2, 2) = 16 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(5, 3, 2, 1, 1) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(5, 3, 1, 3) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(5, 3, 1, 2, 1) = 9 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{16} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(5, 3, 1, 1, 2) = 7 \cdot 19^{12} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(5, 3, 1, 1, 1) = 13 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(5, 2, 5) = 13 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(5, 2, 4, 1) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(5, 2, 3, 2) = 16 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(5, 2, 3, 1, 1) = 7 \cdot 19^{12} + 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(5, 2, 2, 3) = 13 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(5, 2, 2, 2, 1) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(5, 2, 2, 1, 2) = 14 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(5, 2, 2, 1, 1) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(5, 2, 1, 4) = 6 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(5, 2, 1, 3, 1) = 4 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(5, 2, 1, 2, 2) = 3 \cdot 19^{12} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(5, 2, 1, 2, 1, 1) = 12 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(5, 2, 1, 1, 3) = 8 \cdot 19^{12} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(5, 2, 1, 1, 2, 1) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(5, 2, 1, 1, 1, 2) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(5, 2, 1, 1, 1, 1) = 8 \cdot 19^{12} + 10 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(5, 1, 6) = 10 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(5, 1, 5, 1) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(5, 1, 4, 2) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{16} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(5, 1, 4, 1, 1) = 14 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(5, 1, 3, 3) = 2 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(5, 1, 3, 2, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(5, 1, 3, 1, 2) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(5, 1, 3, 1, 1) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(5, 1, 2, 4) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(5, 1, 2, 3, 1) = 8 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(5, 1, 2, 2, 2) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(5, 1, 2, 2, 1) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(5, 1, 2, 1, 3) = 6 \cdot 19^{12} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(5, 1, 2, 1, 2, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(5, 1, 2, 1, 1, 2) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(5, 1, 2, 1, 1, 1) = 11 \cdot 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(5, 1, 1, 5) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(5, 1, 1, 4, 1) = 13 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(5, 1, 1, 3, 2) = 4 \cdot 19^{12} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(5, 1, 1, 3, 1, 1) = 2 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(5, 1, 1, 2, 3) = 10 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(5, 1, 1, 2, 2, 1) = 8 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(5, 1, 1, 2, 1, 2) = 14 \cdot 19^{12} + 6 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(5, 1, 1, 2, 1, 1) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(5, 1, 1, 1, 4) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(5, 1, 1, 1, 3, 1) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(5, 1, 1, 1, 2, 2) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(5, 1, 1, 1, 2, 1) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(5, 1, 1, 1, 3) = 10 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(5, 1, 1, 1, 2, 1) = 10 \cdot 19^{13} + 17 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(5, 1, 1, 1, 1, 2) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(5, 1, 1, 1, 1, 1, 1) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(4, 8) = 15 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(4, 7, 1) = 12 \cdot 19^{12} + 12 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 6, 2) = 5 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 6, 1, 1) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 5, 3) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 5, 2, 1) = 10 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 5, 1, 2) = 16 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 5, 1, 1, 1) = 13 \cdot 19^{12} + 5 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 4, 4) = O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 4, 3, 1) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 4, 2, 2) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 4, 2, 1, 1) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 4, 1, 3) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 4, 1, 2, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 4, 1, 1, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 4, 1, 1, 1, 1) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 3, 5) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 3, 4, 1) = 16 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 3, 3, 2) = 18 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 3, 3, 1, 1) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 3, 2, 3) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 3, 2, 2, 1) = 13 \cdot 19^{12} + 12 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 3, 2, 1, 2) = 18 \cdot 19^{12} + 19^{13} + 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 3, 2, 1, 1, 1) = 8 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 3, 1, 4) = 15 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 3, 1, 3, 1) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 3, 1, 2, 2) = 10 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 3, 1, 2, 1, 1) = 11 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 3, 1, 1, 3) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 3, 1, 1, 2, 1) = 11 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 3, 1, 1, 1, 2) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 3, 1, 1, 1, 1) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 2, 6) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 2, 5, 1) = 14 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 2, 4, 2) = 2 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 2, 4, 1, 1) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 2, 3, 3) = 16 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 2, 3, 2, 1) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 2, 3, 1, 2) = 17 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 2, 3, 1, 1, 1) = 17 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 2, 2, 4) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 2, 2, 3, 1) = 18 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 2, 2, 2, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 2, 2, 2, 1, 1) = 12 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 9 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 2, 2, 1, 3) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 2, 2, 1, 2, 1) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 2, 2, 1, 1, 2) = 2 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 2, 2, 1, 1, 1, 1) = 18 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 2, 1, 5) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 2, 1, 4, 1) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 2, 1, 3, 2) = 13 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 2, 1, 3, 1, 1) = 6 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 2, 1, 2, 3) = 16 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 2, 1, 2, 2, 1) = 15 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 2, 1, 2, 1, 2) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 2, 1, 2, 1, 1, 1) = 6 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 2, 1, 1, 4) = 12 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 2, 1, 1, 3, 1) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 2, 1, 1, 2, 2) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 2, 1, 1, 2, 1, 1) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 2, 1, 1, 1, 3) = 15 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 2, 1, 1, 1, 2, 1) = 5 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 2, 1, 1, 1, 1, 2) = 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 7) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 6, 1) = 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 5, 2) = 13 \cdot 19^{12} + 11 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 5, 1, 1) = 4 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 4, 3) = 6 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 4, 2, 1) = 10 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 4, 1, 2) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 4, 1, 1, 1) = 13 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{16} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 3, 4) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 3, 3, 1) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 3, 2, 2) = 12 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 3, 2, 1, 1) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 3, 1, 3) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 3, 1, 2, 1) = 11 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 18 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 3, 1, 1, 2) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 3, 1, 1, 1, 1) = 11 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 2, 5) = 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 2, 4, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 2, 3, 2) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 2, 3, 1, 1) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 2, 2, 3) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 2, 2, 2, 1) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 2, 2, 1, 2) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 2, 2, 1, 1, 1) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 2, 1, 4) = 7 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 2, 1, 3, 1) = 2 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 2, 1, 2, 2) = 18 \cdot 19^{12} + 19^{13} + 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 2, 1, 2, 1, 1) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 2, 1, 1, 3) = 16 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 2, 1, 1, 2, 1) = 11 \cdot 19^{12} + 16 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 2, 1, 1, 1, 2) = 7 \cdot 19^{12} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 2, 1, 1, 1, 1, 1) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 6) = 11 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 5, 1) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{16} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 4, 2) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 4, 1, 1) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 3, 3) = 16 \cdot 19^{13} + 19^{15} + 6 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 3, 2, 1) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 3, 1, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 3, 1, 1, 1) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 2, 4) = 2 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 2, 3, 1) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 2, 2, 2) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 2, 2, 1, 1) = 2 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 2, 1, 3) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 2, 1, 2, 1) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 2, 1, 1, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 2, 1, 1, 1, 1) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 5) = 6 \cdot 19^{12} + 6 \cdot 19^{13} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 4, 1) = 19^{12} + 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 3, 2) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 3, 1, 1) = 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 2, 3) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 2, 2, 1) = 18 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 2, 1, 2) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 4) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 3, 1) = 7 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 2, 2) = 8 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 3) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 9) = 12 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 8, 1) = 15 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 7, 2) = 11 \cdot 19^{12} + 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 7, 1, 1) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 6, 3) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 6, 2, 1) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 6, 1, 2) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 6, 1, 1, 1) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 5, 4) = 10 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 5, 3, 1) = 15 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 5, 2, 2) = 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 5, 2, 1, 1) = 16 \cdot 19^{12} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 5, 1, 3) = 16 \cdot 19^{13} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 5, 1, 2, 1) = 2 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 5, 1, 1, 2) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 5, 1, 1, 1, 1) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 4, 5) = 5 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 4, 4, 1) = 2 \cdot 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 4, 3, 2) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 4, 3, 1, 1) = 17 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 4, 2, 3) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 4, 2, 2, 1) = 17 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 4, 2, 1, 2) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 4, 2, 1, 1, 1) = 17 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 4, 1, 4) = 3 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 4, 1, 3, 1) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 4, 1, 2, 2) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 4, 1, 2, 1, 1) = 4 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 4, 1, 1, 3) = 4 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 4, 1, 1, 2, 1) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 4, 1, 1, 1, 2) = 14 \cdot 19^{12} + 6 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 4, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 3, 6) = 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 3, 5, 1) = 11 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 3, 4, 2) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 3, 4, 1, 1) = 14 \cdot 19^{12} + 19^{13} + 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 3, 3, 3) = 11 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 3, 3, 2, 1) = 12 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 3, 3, 1, 2) = 7 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 3, 3, 1, 1, 1) = 2 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 3, 2, 4) = 11 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 3, 2, 3, 1) = 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 3, 2, 2, 2) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 3, 2, 2, 1, 1) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 5 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 3, 2, 1, 3) = 15 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 3, 2, 1, 2, 1) = 13 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 3, 2, 1, 1, 2) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 3, 2, 1, 1, 1, 1) = 18 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 3, 1, 5) = 17 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 3, 1, 4, 1) = 3 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 3, 1, 3, 2) = 4 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 3, 1, 3, 1, 1) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 3, 1, 2, 3) = 2 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 3, 1, 2, 2, 1) = 14 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 3, 1, 2, 1, 2) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 3, 1, 2, 1, 1, 1) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 3, 1, 1, 4) = 2 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 3, 1, 1, 3, 1) = 18 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 3 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 3, 1, 1, 2, 2) = 2 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 3, 1, 1, 2, 1, 1) = 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 3, 1, 1, 1, 3) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 3, 1, 1, 1, 2, 1) = 2 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 3, 1, 1, 1, 1, 2) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 3, 1, 1, 1, 1, 1, 1) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 7) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 6, 1) = 14 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 5, 2) = 3 \cdot 19^{12} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 5, 1, 1) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 4, 3) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 4, 2, 1) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 4, 1, 2) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 4, 1, 1, 1) = 18 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 3, 4) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 3, 3, 1) = 2 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 3, 2, 2) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 3, 2, 1, 1) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 3, 1, 3) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 3, 1, 2, 1) = 3 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 3, 1, 1, 2) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 3, 1, 1, 1, 1) = 19^{12} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 2, 5) = 3 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 2, 4, 1) = 19^{12} + 13 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 2, 3, 2) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 2, 3, 1, 1) = 13 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 2, 2, 3) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 2, 2, 2, 1) = 16 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 2, 2, 1, 2) = 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 2, 2, 1, 1, 1) = 10 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 2, 1, 4) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 2, 1, 3, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 2, 1, 2, 2) = 13 \cdot 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 2, 1, 2, 1, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 2, 1, 1, 3) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 2, 1, 1, 2, 1) = 9 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 2, 1, 1, 1, 2) = 14 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 2, 1, 1, 1, 1, 1) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 6) = 8 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 5, 1) = 19^{12} + 17 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 4, 2) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 4, 1, 1) = 6 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 3, 3) = 18 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 3, 2, 1) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 3, 1, 2) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 3, 1, 1, 1) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 2, 4) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 2, 3, 1) = 6 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 2, 2, 2) = 2 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 2, 2, 1, 1) = 2 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 2, 1, 3) = 15 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 2, 1, 2, 1) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 2, 1, 1, 2) = 18 \cdot 19^{12} + 19^{13} + 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 19^{12} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 5) = 3 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 4, 1) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 3, 2) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 3, 1, 1) = 8 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 2, 3) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 2, 2, 1) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 2, 1, 2) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 2, 1, 1, 1) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 4) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 3, 1) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 2, 2) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 2, 1, 1) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 3) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 2, 1) = 10 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 1, 2) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 8) = 11 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 7, 1) = 5 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 6, 2) = 11 \cdot 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 6, 1, 1) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 5, 3) = 2 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 5, 2, 1) = 4 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 5, 1, 2) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 5, 1, 1, 1) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 4, 4) = 19^{13} + 8 \cdot 19^{14} + 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 4, 3, 1) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 4, 2, 2) = 16 \cdot 19^{12} + 15 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 4, 2, 1, 1) = 12 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 4, 1, 3) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 4, 1, 2, 1) = 10 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 4, 1, 1, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 4, 1, 1, 1, 1) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 3, 5) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 3, 4, 1) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 3, 3, 2) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 3, 3, 1, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 3, 2, 3) = 3 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 3, 2, 2, 1) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 3, 2, 1, 2) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 3, 2, 1, 1, 1) = 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 3, 1, 4) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 3, 1, 3, 1) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 3, 1, 2, 2) = 5 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 3, 1, 2, 1, 1) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 3, 1, 1, 3) = 10 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 3, 1, 1, 2, 1) = 5 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 3, 1, 1, 1, 2) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 3, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 6) = 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 5, 1) = 18 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 4, 2) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 4, 1, 1) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 3, 3) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 3, 2, 1) = 2 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 3, 1, 2) = 4 \cdot 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 3, 1, 1, 1) = 16 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 2, 4) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 2, 3, 1) = 11 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 2, 2, 2) = 16 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 2, 2, 1, 1) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 2, 1, 3) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 2, 1, 2, 1) = 8 \cdot 19^{12} + 16 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 2, 1, 1, 2) = 17 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 2, 1, 1, 1, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 5) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 1, 4, 1) = 17 \cdot 19^{12} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 3, 2) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 3, 1, 1) = 15 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{15} + 6 \cdot 19^{16} + 7 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 2, 3) = 7 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 1, 2, 2, 1) = 12 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 2, 1, 2) = 7 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 2, 1, 1, 1) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 4) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 3, 1) = 8 \cdot 19^{12} + 4 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 2, 2) = 4 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 2, 1, 1) = 4 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 3) = 13 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 2, 1) = 16 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 1, 2) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 12 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 7) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 6, 1) = 9 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 5, 2) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 5, 1, 1) = 10 \cdot 19^{12} + 2 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 4, 3) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 4, 2, 1) = 7 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 4, 1, 2) = 9 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 4, 1, 1, 1) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 3, 4) = 12 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 3, 3, 1) = 15 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 3, 2, 2) = 7 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 3, 2, 1, 1) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 3, 1, 3) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 3, 1, 2, 1) = 13 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 3, 1, 1, 2) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 3, 1, 1, 1) = 3 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 5) = 3 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 4, 1) = 3 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 3, 2) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 3, 1, 1) = 8 \cdot 19^{12} + 19^{13} + 19^{14} + 7 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 2, 3) = 14 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 2, 2, 1) = 17 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 2, 1, 2) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 2, 1, 1, 1) = 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 4) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 3, 1) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 2, 2) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 2, 1, 1) = 6 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 3) = 12 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 2, 1) = 7 \cdot 19^{12} + 10 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 1, 2) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 6) = 12 \cdot 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 5, 1) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 4, 2) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 4, 1, 1) = 10 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 3, 3) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 3, 2, 1) = 11 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 3, 1, 2) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 3, 1, 1, 1) = 11 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 4) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 3, 1) = 3 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 2, 2) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 2, 1, 1) = 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 3) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 2, 1) = 16 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 1, 2) = 16 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 5 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 5) = 9 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 4, 1) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 3, 2) = 9 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 3, 1, 1) = 14 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 3) = 18 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 2, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 1, 2) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 2, 1, 1, 1) = 18 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 4) = 16 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 3, 1) = 11 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 2, 2) = 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 3) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 2, 1) = 7 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 10) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 9, 1) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 8, 2) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 8, 1, 1) = 11 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 7, 3) = 8 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 7, 2, 1) = 4 \cdot 19^{12} + 16 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 7, 1, 2) = 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 7, 1, 1, 1) = 2 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 3 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 6, 4) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 6, 3, 1) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 6, 2, 2) = 4 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 6, 2, 1, 1) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 6, 1, 3) = 5 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 6, 1, 2, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 6, 1, 1, 2) = 8 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 6, 1, 1, 1, 1) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 5, 5) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 5, 4, 1) = 14 \cdot 19^{12} + 10 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 5, 3, 2) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 5, 3, 1, 1) = 16 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 5, 2, 3) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 5, 2, 2, 1) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 5, 2, 1, 2) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 5, 2, 1, 1, 1) = 9 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 5, 1, 4) = 12 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 5, 1, 3, 1) = 3 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 5, 1, 2, 2) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 5, 1, 2, 1, 1) = 7 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 5, 1, 1, 3) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 5, 1, 1, 2, 1) = 2 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 5, 1, 1, 1, 2) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 5, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 4, 6) = 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 4, 5, 1) = 9 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 4, 4, 2) = 6 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 4, 4, 1, 1) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 4, 3, 3) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 4, 3, 2, 1) = 7 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 4, 3, 1, 2) = 4 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 4, 3, 1, 1, 1) = 10 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 4, 2, 4) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 4, 2, 3, 1) = 17 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 4, 2, 2, 2) = 15 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 4, 2, 2, 1, 1) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 4, 2, 1, 3) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 4, 2, 1, 2, 1) = 14 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 4, 2, 1, 1, 2) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 4, 2, 1, 1, 1, 1) = 9 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 4, 1, 5) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 4, 1, 4, 1) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 4, 1, 3, 2) = 17 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 4, 1, 3, 1, 1) = 7 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 19^{15} + 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 4, 1, 2, 3) = 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 7 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 4, 1, 2, 2, 1) = 3 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 4, 1, 2, 1, 2) = 2 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 4, 1, 2, 1, 1, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 4, 1, 1, 4) = 10 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 4, 1, 1, 3, 1) = 14 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 9 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 4, 1, 1, 2, 2) = 3 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 4, 1, 1, 2, 1, 1) = 16 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 4, 1, 1, 1, 3) = 7 \cdot 19^{13} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 4, 1, 1, 1, 2, 1) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 4, 1, 1, 1, 1, 2) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 4, 1, 1, 1, 1, 1, 1) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 7) = 11 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 6, 1) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 5, 2) = 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 5, 1, 1) = 2 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 4, 3) = 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 4, 2, 1) = 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 13 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 4, 1, 2) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 4, 1, 1, 1) = 7 \cdot 19^{13} + 7 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 3, 4) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 3, 3, 1) = 4 \cdot 19^{12} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 3, 2, 2) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 3, 2, 1, 1) = 2 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 3, 1, 3) = 4 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 3, 1, 2, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 3, 1, 1, 2) = 18 \cdot 19^{12} + 19^{13} + 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 3, 1, 1, 1, 1) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 2, 5) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 2, 4, 1) = 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 2, 3, 2) = 7 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 2, 3, 1, 1) = 9 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 2, 2, 3) = 14 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 2, 2, 2, 1) = 18 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 2, 2, 1, 2) = 13 \cdot 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 2, 2, 1, 1, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 2, 1, 4) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 2, 1, 3, 1) = 14 \cdot 19^{12} + 10 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 2, 1, 2, 2) = 14 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 2, 1, 2, 1, 1) = 12 \cdot 19^{12} + 17 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 2, 1, 1, 3) = 3 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 2, 1, 1, 2, 1) = 18 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 2, 1, 1, 1, 2) = 3 \cdot 19^{12} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 2, 1, 1, 1, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 6) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 5, 1) = 9 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 4, 2) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 4, 1, 1) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 3, 3) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 3, 2, 1) = 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 3, 1, 2) = 5 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{16} + 10 \cdot 19^{17} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 3, 1, 1) = 11 \cdot 19^{13} + 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 2, 4) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 2, 3, 1) = 8 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 2, 2, 2) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 2, 2, 1, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 2, 1, 3) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 2, 1, 2, 1) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 2, 1, 1, 2) = 10 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 2, 1, 1, 1) = 10 \cdot 19^{12} + 14 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 5) = 8 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 4, 1) = 6 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 3, 2) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 3, 1, 1) = 9 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 2, 3) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 2, 2, 1) = 14 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 2, 1, 2) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 2, 1, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 4) = 5 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 3, 1) = 2 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 2, 2) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 2, 1, 1) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 3) = 16 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 2, 1) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{15} + 2 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 1, 2) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 11 \cdot 19^{12} + 3 \cdot 19^{14} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 8) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 7, 1) = 3 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 6, 2) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 6, 1, 1) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 5, 3) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 5, 2, 1) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 5, 1, 2) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 5, 1, 1, 1) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 4, 4) = 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 4, 3, 1) = 19^{12} + 19^{13} + 16 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 4, 2, 2) = 7 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 4, 2, 1, 1) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 4, 1, 3) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 4, 1, 2, 1) = 17 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 4, 1, 1, 2) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 4, 1, 1, 1, 1) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 3, 5) = 19^{12} + 2 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 3, 4, 1) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 3, 3, 2) = 3 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 3, 3, 1, 1) = 8 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 3, 2, 3) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 3, 2, 2, 1) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 3, 2, 1, 2) = 2 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 3, 2, 1, 1, 1) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 3, 1, 4) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 3, 1, 3, 1) = 13 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 3, 1, 2, 2) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 3, 1, 2, 1, 1) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 3, 1, 1, 3) = 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 3, 1, 1, 2, 1) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 3, 1, 1, 1, 2) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 3, 1, 1, 1, 1) = 14 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 6) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 5, 1) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 4, 2) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 4, 1, 1) = 7 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 3, 3) = 13 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 3, 2, 1) = 4 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 3, 1, 2) = 16 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 3, 1, 1, 1) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 2, 4) = 12 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 2, 3, 1) = 3 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 2, 2, 2) = O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 2, 2, 1, 1) = 17 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 2, 1, 3) = 17 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 2, 1, 2, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 2, 1, 1, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 18 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 2, 1, 1, 1, 1) = 15 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 5) = 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 4, 1) = 3 \cdot 19^{12} + 18 \cdot 19^{13} + 7 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 3, 2) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 3, 1, 1) = 8 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 2, 3) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 2, 2, 1) = 3 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 2, 1, 2) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 2, 1, 1, 1) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 4) = 15 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 3, 1) = 5 \cdot 19^{12} + 11 \cdot 19^{13} + 4 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 2, 2) = 15 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 2, 1, 1) = 2 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 3) = 9 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 2, 1) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 2) = 10 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 2, 1, 1, 1, 1, 1) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 7) = 14 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 6, 1) = 13 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 5, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 5, 1, 1) = 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 4, 3) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 4, 2, 1) = 9 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 4, 1, 2) = 7 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 4, 1, 1, 1) = 3 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 3, 4) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 6 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 3, 3, 1) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 3, 2, 2) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 3, 2, 1, 1) = 18 \cdot 19^{12} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 3, 1, 3) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 3, 1, 2, 1) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 3, 1, 1, 2) = 12 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 3, 1, 1, 1, 1) = 8 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 5) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 4, 1) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 3, 2) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 3, 1, 1) = 14 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 2, 3) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 2, 2, 1) = 15 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 5 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 2, 1, 2) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 2, 1, 1, 1) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 4) = 15 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 3, 1) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 2, 2) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 2, 1, 1) = 12 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 3) = 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 2, 1) = 9 \cdot 19^{12} + 19^{13} + 19^{14} + 3 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 1, 2) = 16 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 2, 1, 1, 1, 1, 1) = 14 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 6) = 10 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 5, 1) = 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 4, 2) = 14 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 4, 1, 1) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 7 \cdot 19^{15} + 4 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 3, 3) = 9 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 3, 2, 1) = 2 \cdot 19^{12} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 3, 1, 2) = 16 \cdot 19^{12} + 15 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 3, 1, 1, 1) = 5 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 4) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 3, 1) = 14 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 2, 2) = 7 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 2, 1, 1) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 2 \cdot 19^{14} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 3) = 9 \cdot 19^{12} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 2, 1) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 1, 2) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 5) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 4, 1) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 3, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 3, 1, 1) = 14 \cdot 19^{12} + 4 \cdot 19^{13} + 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 3) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 2, 1) = 14 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 1, 2) = 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 4) = 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 3, 1) = 13 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 2, 2) = 4 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 3) = 13 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 9) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 8, 1) = 4 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 7, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 7, 1, 1) = 16 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 6, 3) = 8 \cdot 19^{12} + 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 6, 2, 1) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 6, 1, 2) = 9 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 6, 1, 1, 1) = 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 5, 4) = 5 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 5, 3, 1) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 5, 2, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 5, 2, 1, 1) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 5, 1, 3) = 5 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 5, 1, 2, 1) = 8 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 5, 1, 1, 2) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 5, 1, 1, 1, 1) = 17 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 4, 5) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 4, 4, 1) = 12 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 4, 3, 2) = 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 4, 3, 1, 1) = 3 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 4, 2, 3) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 4, 2, 2, 1) = 15 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 4, 2, 1, 2) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 4, 2, 1, 1, 1) = 14 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 4, 1, 4) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 4, 1, 3, 1) = 10 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 4, 1, 2, 2) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 4, 1, 2, 1, 1) = 17 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 4, 1, 1, 3) = 13 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 4, 1, 1, 2, 1) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 4, 1, 1, 1, 2) = 4 \cdot 19^{12} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 4, 1, 1, 1, 1, 1) = 7 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 6) = 11 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 5, 1) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 4, 2) = 3 \cdot 19^{12} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 4, 1, 1) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 3, 3) = 7 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 3, 2, 1) = 13 \cdot 19^{12} + 13 \cdot 19^{14} + 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 3, 1, 2) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 3, 1, 1, 1) = 10 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 2, 4) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 2, 3, 1) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 2, 2, 2) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 2, 2, 1, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 2, 1, 3) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 2, 1, 2, 1) = 3 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 2, 1, 1, 2) = 13 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 2, 1, 1, 1, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 5) = 15 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 4, 1) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 12 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 3, 2) = 2 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 3, 1, 1) = 7 \cdot 19^{12} + 19^{13} + 19^{14} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 2, 3) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 2, 2, 1) = 2 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 2, 1, 2) = 4 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 2, 1, 1, 1) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 19^{14} + 19^{15} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 4) = 6 \cdot 19^{12} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 3, 1) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 2, 2) = 17 \cdot 19^{12} + 8 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 2, 1, 1) = 18 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 3) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 2, 1) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 1, 2) = 15 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 7) = 11 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 6, 1) = 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 5, 2) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 5, 1, 1) = 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 4, 3) = 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 17 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 4, 2, 1) = 5 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 4, 1, 2) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 4, 1, 1, 1) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 3, 4) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 3, 3, 1) = 19^{12} + 19^{13} + 7 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 3, 2, 2) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 3, 2, 1, 1) = 12 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 3, 1, 3) = 13 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 3, 1, 2, 1) = 19^{12} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 3, 1, 1, 2) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 3, 1, 1, 1, 1) = 9 \cdot 19^{12} + 17 \cdot 19^{13} + 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 5) = 18 \cdot 19^{13} + 2 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 4, 1) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 3, 2) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 3, 1, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 2, 3) = 16 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 2, 2, 1) = 3 \cdot 19^{12} + 18 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 10 \cdot 19^{16} + 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 2, 1, 2) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 2, 1, 1, 1) = 14 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 4) = 16 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 3, 1) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{15} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 2, 2) = 7 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 2, 1, 1) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 3) = 18 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 2, 1) = 18 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 1, 2) = 16 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 11 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 11 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 6) = 6 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 5, 1) = 8 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 4, 2) = 15 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 4, 1, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 3, 3) = 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 3, 2, 1) = 14 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 3, 1, 2) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 3, 1, 1, 1) = 7 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 4) = 16 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 3, 1) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 2, 2) = 3 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 2, 1, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 3) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 2, 1) = 12 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 1, 2) = 18 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 5) = 18 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 4, 1) = 3 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 3, 2) = 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 3, 1, 1) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 3) = 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 2, 1) = 6 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 1, 2) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 4 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 4) = 8 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 3, 1) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 2, 2) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 3) = 7 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 8) = 8 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 7, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 6, 2) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 6, 1, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 5, 3) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 5, 2, 1) = 6 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 5, 1, 2) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 5, 1, 1, 1) = 13 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 4, 4) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 4, 3, 1) = 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 4, 2, 2) = 14 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 4, 2, 1, 1) = 7 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 4, 1, 3) = 4 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 4, 1, 2, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 4, 1, 1, 2) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 4, 1, 1, 1, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 5) = 7 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 4, 1) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 3, 2) = 15 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 3, 1, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 2, 3) = 8 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 2, 2, 1) = 3 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 2, 1, 2) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 2, 1, 1, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 4) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 3, 1) = 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 2, 2) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 2, 1, 1) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 3) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 2, 1) = 16 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 1, 2) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{16} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 7 \cdot 19^{12} + 9 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 6) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 5, 1) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 4, 2) = 10 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 4, 1, 1) = 10 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 3, 3) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 3, 2, 1) = 10 \cdot 19^{12} + 19^{13} + 19^{14} + 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 3, 1, 2) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 3, 1, 1, 1) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 4) = 3 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 3, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 2, 2) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 2, 1, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{18} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 3) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 2, 1) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 1, 2) = 2 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 2, 1, 1, 1) = 9 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 5) = 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 4, 1) = 11 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 3, 2) = 3 \cdot 19^{12} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 3, 1, 1) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 3) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 2, 1) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 16 \cdot 19^{15} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 1, 2) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 2, 1, 1) = 12 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 4) = 5 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 3, 1) = 11 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 2, 2) = 6 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 3) = 9 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 11 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 19^{12} + 19^{13} + 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 7) = 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 6, 1) = 10 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 5, 2) = 6 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 5, 1, 1) = 9 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 4, 3) = 7 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 4, 2, 1) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 4, 1, 2) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 4, 1, 1, 1) = 7 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 4) = 11 \cdot 19^{12} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 3, 1) = 3 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 2, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 2, 1, 1) = 6 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 3) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 2, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 1, 2) = 13 \cdot 19^{12} + 11 \cdot 19^{14} + 19^{15} + 14 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 3, 1, 1, 1) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 5) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 4, 1) = 17 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 3, 2) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 3, 1, 1) = 14 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 3) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 2, 1) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 1, 2) = 3 \cdot 19^{12} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 4) = 3 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 3, 1) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 2, 2) = 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 3) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 16 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 12 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 6) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 5, 1) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 4, 2) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 4, 1, 1) = 15 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 3) = 14 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 2, 1) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 1, 2) = 11 \cdot 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 15 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 4) = 14 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 3, 1) = 4 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 2, 2) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 3) = 19^{12} + 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 5 \cdot 19^{12} + 2 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 14 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 5) = 18 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 4, 1) = 13 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 3, 1, 1) = 14 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 3) = 12 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 2, 1) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 2) = 11 \cdot 19^{12} + 19^{15} + 5 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 4) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 3, 1) = 10 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 2, 2) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 3) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 11) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 10, 1) = 7 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 9, 2) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 9, 1, 1) = 17 \cdot 19^{12} + 9 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 8, 3) = 13 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 8, 2, 1) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 8, 1, 2) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 8, 1, 1, 1) = 12 \cdot 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 7, 4) = 18 \cdot 19^{12} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 7, 3, 1) = 8 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 7, 2, 2) = 13 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 7, 2, 1, 1) = 19^{12} + 11 \cdot 19^{13} + 9 \cdot 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 7, 1, 3) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 7, 1, 2, 1) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 17 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 7, 1, 1, 2) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 7, 1, 1, 1, 1) = 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 6, 5) = 12 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 6, 4, 1) = 18 \cdot 19^{12} + 16 \cdot 19^{13} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 6, 3, 2) = 7 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 6, 3, 1, 1) = 10 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 6, 2, 3) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 6, 2, 2, 1) = 10 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 6, 2, 1, 2) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 6, 2, 1, 1, 1) = 13 \cdot 19^{12} + 18 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 6, 1, 4) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 6, 1, 3, 1) = 2 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 6, 1, 2, 2) = 16 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 6, 1, 2, 1, 1) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 6, 1, 1, 3) = 8 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 6, 1, 1, 2, 1) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 6, 1, 1, 1, 2) = 10 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 6, 1, 1, 1, 1, 1) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 7 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 5, 6) = 3 \cdot 19^{12} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 5, 5, 1) = 13 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 5, 4, 2) = 9 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 5, 4, 1, 1) = 11 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 5, 3, 3) = 11 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 19^{15} + 14 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 5, 3, 2, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 15 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 5, 3, 1, 2) = 13 \cdot 19^{12} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 5, 3, 1, 1, 1) = 8 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 5, 2, 4) = 16 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 5, 2, 3, 1) = 14 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 5, 2, 2, 2) = 9 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 5, 2, 2, 1, 1) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 5, 2, 1, 3) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 5, 2, 1, 2, 1) = 13 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 5, 2, 1, 1, 2) = 15 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 5, 2, 1, 1, 1, 1) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 5, 1, 5) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 5, 1, 4, 1) = 18 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 5, 1, 3, 2) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 5, 1, 3, 1, 1) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 5, 1, 2, 3) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 5, 1, 2, 2, 1) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 5, 1, 2, 1, 2) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 5, 1, 2, 1, 1, 1) = 10 \cdot 19^{12} + 10 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 5, 1, 1, 4) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 5, 1, 1, 3, 1) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 5, 1, 1, 2, 2) = 7 \cdot 19^{13} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 5, 1, 1, 2, 1, 1) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 5, 1, 1, 1, 3) = 12 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 5, 1, 1, 1, 2, 1) = 17 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 5, 1, 1, 1, 1, 2) = 11 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 5, 1, 1, 1, 1, 1, 1) = 13 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 7) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 6, 1) = 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 5, 2) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 5, 1, 1) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 4, 3) = 6 \cdot 19^{12} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 4, 2, 1) = 18 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 16 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 4, 1, 2) = 12 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 4, 1, 1, 1) = 19^{12} + 13 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 3, 4) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 3, 3, 1) = 4 \cdot 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 18 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 3, 2, 2) = 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 3, 2, 1, 1) = 8 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 3, 1, 3) = 16 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 3, 1, 2, 1) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 3, 1, 1, 2) = 16 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 3, 1, 1, 1, 1) = 13 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 2, 5) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 2, 4, 1) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 2, 3, 2) = 18 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 2, 3, 1, 1) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 2, 2, 3) = 9 \cdot 19^{12} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 2, 2, 2, 1) = 15 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 2, 2, 1, 2) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 2, 2, 1, 1, 1) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 2, 1, 4) = 19^{12} + 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 2, 1, 3, 1) = 15 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 2, 1, 2, 2) = 3 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 2, 1, 2, 1, 1) = 2 \cdot 19^{12} + 16 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 2, 1, 1, 3) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 2, 1, 1, 2, 1) = 8 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 2, 1, 1, 1, 2) = 8 \cdot 19^{12} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 2, 1, 1, 1, 1, 1) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 6) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 5, 1) = 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 4, 2) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 4, 1, 1) = 14 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 12 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 3, 3) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 3, 2, 1) = 14 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 3, 1, 2) = 10 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 3, 1, 1, 1) = 13 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 2, 4) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 2, 3, 1) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 2, 2, 2) = 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 2, 2, 1, 1) = 3 \cdot 19^{12} + 19^{15} + 9 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 2, 1, 3) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 2, 1, 2, 1) = 6 \cdot 19^{12} + 11 \cdot 19^{13} + 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 2, 1, 1, 2) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 2, 1, 1, 1, 1) = 4 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 5) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 4, 1) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 3, 2) = 13 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 3, 1, 1) = 17 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 3 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 2, 3) = 5 \cdot 19^{12} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 2, 2, 1) = 7 \cdot 19^{12} + 9 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 17 \cdot 19^{16} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 2, 1, 2) = 4 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 2, 1, 1, 1) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 8 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 4) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 3, 1) = 5 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 2, 2) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 2, 1, 1) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 3) = 8 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 2, 1) = 6 \cdot 19^{12} + 13 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 1, 2) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 8) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 7, 1) = 11 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 6, 2) = 19^{12} + 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 6, 1, 1) = 19^{12} + 7 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 5, 3) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 5, 2, 1) = 2 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 5, 1, 2) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 5, 1, 1, 1) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 4, 4) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 4, 3, 1) = 8 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 4, 2, 2) = 9 \cdot 19^{12} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 4, 2, 1, 1) = 8 \cdot 19^{12} + 14 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 4, 1, 3) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 4, 1, 2, 1) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 6 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 4, 1, 1, 2) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 4, 1, 1, 1, 1) = 5 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 3, 5) = 17 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 3, 4, 1) = 2 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 7 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 3, 3, 2) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 3, 3, 1, 1) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 3, 2, 3) = 12 \cdot 19^{12} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 3, 2, 2, 1) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 3, 2, 1, 2) = 15 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 3, 2, 1, 1, 1) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 3, 1, 4) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 3, 1, 3, 1) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 3, 1, 2, 2) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 3, 1, 2, 1, 1) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 3, 1, 1, 3) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 3, 1, 1, 2, 1) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 3, 1, 1, 1, 2) = 6 \cdot 19^{12} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 3, 1, 1, 1, 1) = 11 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 6) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 5, 1) = 12 \cdot 19^{13} + 6 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 4, 2) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 4, 1, 1) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 3, 3) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 3, 2, 1) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 3, 1, 2) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 3, 1, 1, 1) = 10 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 7 \cdot 19^{15} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 2, 4) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 2, 3, 1) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 2, 2, 2) = 17 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 2, 2, 1, 1) = 7 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 2, 1, 3) = 19^{12} + 2 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 2, 1, 2, 1) = 9 \cdot 19^{12} + 15 \cdot 19^{14} + 11 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 2, 1, 1, 2) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 2, 1, 1, 1, 1) = 19^{12} + 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 5) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 4, 1) = 2 \cdot 19^{12} + 2 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 3, 2) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 12 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 3, 1, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 2, 3) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 2, 2, 1) = 7 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 6 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 2, 1, 2) = 15 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 2, 1, 1, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 4) = 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 3, 1) = 3 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 2, 2) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 3) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 14 \cdot 19^{15} + 15 \cdot 19^{16} + 12 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 2, 1) = 16 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 1, 2) = 7 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 6 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 2, 1, 1, 1, 1, 1) = 3 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 7) = 7 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 6, 1) = 3 \cdot 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 5, 2) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 5, 1, 1) = 3 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 4, 3) = 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 8 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 4, 2, 1) = 17 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 4, 1, 2) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 4, 1, 1, 1) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 3, 4) = 11 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 3, 3, 1) = 14 \cdot 19^{12} + 6 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 3, 2, 2) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 3, 2, 1, 1) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 3, 1, 3) = O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 3, 1, 2, 1) = 5 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 3, 1, 1, 2) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 3, 1, 1, 1) = 6 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 5) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 4, 1) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 3, 2) = 13 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 3, 1, 1) = 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 2, 3) = 14 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 2, 2, 1) = 8 \cdot 19^{12} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 2, 1, 2) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 2, 1, 1, 1) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{16} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 4) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 3, 1) = 6 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 2, 2) = 4 \cdot 19^{12} + 5 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 2, 1, 1) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 3) = 16 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 2, 1) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 1, 2) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 2, 1, 1, 1, 1, 1) = 2 \cdot 19^{12} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 6) = 7 \cdot 19^{13} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 5, 1) = 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 4, 2) = 4 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 4, 1, 1) = 4 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 3, 3) = 4 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 3, 2, 1) = 15 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 3, 1, 2) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 3, 1, 1, 1) = 7 \cdot 19^{12} + 12 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 4) = 9 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 3, 1) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 2, 2) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 2, 1, 1) = 3 \cdot 19^{12} + 19^{13} + 8 \cdot 19^{14} + 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 3) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 2, 1) = 9 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 1, 2) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{13} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 5) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 4, 1) = 2 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 3, 2) = 5 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 3, 1, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 3) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 2, 1) = 18 \cdot 19^{12} + 10 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 1, 2) = 16 \cdot 19^{13} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 2, 1, 1, 1) = 12 \cdot 19^{12} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 4) = 5 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 3, 1) = 10 \cdot 19^{12} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 2, 2) = 5 \cdot 19^{12} + 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 2, 1, 1) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 3) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 7 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 10 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 9) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 8, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 7, 2) = 12 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 10 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 7, 1, 1) = 15 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 6, 3) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 6, 2, 1) = 4 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 6, 1, 2) = 18 \cdot 19^{12} + 18 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 6, 1, 1, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 5, 4) = 15 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 5, 3, 1) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 5, 2, 2) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 5, 2, 1, 1) = 14 \cdot 19^{12} + 13 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 5, 1, 3) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 5, 1, 2, 1) = 4 \cdot 19^{13} + 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 5, 1, 1, 2) = 15 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 5, 1, 1, 1, 1) = 5 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 4, 5) = 13 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 4, 4, 1) = 12 \cdot 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 4, 3, 2) = 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 4, 3, 1, 1) = 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 4, 2, 3) = 13 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 4, 2, 2, 1) = 17 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 4, 2, 1, 2) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 4, 2, 1, 1, 1) = 8 \cdot 19^{12} + 13 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 4, 1, 4) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 4, 1, 3, 1) = 4 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 4, 1, 2, 2) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 3 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 4, 1, 2, 1, 1) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 5 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 4, 1, 1, 3) = 5 \cdot 19^{12} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 4, 1, 1, 2, 1) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 6 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 4, 1, 1, 1, 2) = 10 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 4, 1, 1, 1, 1, 1) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 6) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 5, 1) = 3 \cdot 19^{13} + 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 4, 2) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 4, 1, 1) = 11 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 3, 3) = 2 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 3, 2, 1) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 3, 1, 2) = 7 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 3, 1, 1, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 4 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 2, 4) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 2, 3, 1) = 2 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 2, 2, 2) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 2, 2, 1, 1) = 13 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 2, 1, 3) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 2, 1, 2, 1) = 10 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 2, 1, 1, 2) = 16 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 4 \cdot 19^{15} + 16 \cdot 19^{16} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 2, 1, 1, 1, 1) = 8 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 5) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 4, 1) = 6 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{14} + 15 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 3, 2) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 3, 1, 1) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 2, 3) = 13 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 2, 2, 1) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 2, 1, 2) = 2 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 2, 1, 1, 1) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 8 \cdot 19^{15} + 12 \cdot 19^{16} + 4 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 4) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 3, 1) = 13 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 2, 2) = 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 7 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 2, 1, 1) = 17 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 3) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 2, 1) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 3 \cdot 19^{15} + 11 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 1, 2) = 6 \cdot 19^{12} + 12 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 5 \cdot 19^{12} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 7) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 6, 1) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 5, 2) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 18 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 5, 1, 1) = 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 4, 3) = 4 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 4, 2, 1) = 10 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 4, 1, 2) = 14 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 18 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 4, 1, 1, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 3, 4) = 14 \cdot 19^{12} + 2 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 3, 3, 1) = 10 \cdot 19^{12} + 18 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 3, 2, 2) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 3, 2, 1, 1) = 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 3, 1, 3) = 14 \cdot 19^{12} + 15 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 3, 1, 2, 1) = 12 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 2 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 3, 1, 1, 2) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 3, 1, 1, 1, 1) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 8 \cdot 19^{17} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 5) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 4, 1) = 15 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 3, 2) = 16 \cdot 19^{12} + 13 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 3, 1, 1) = 8 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 2, 3) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 13 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 2, 2, 1) = 10 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 2, 1, 2) = 3 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 2, 1, 1, 1) = 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 4 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 4) = 10 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 3, 1) = 10 \cdot 19^{12} + 11 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 2, 2) = 14 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 2, 1, 1) = 4 \cdot 19^{12} + 16 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 3) = 9 \cdot 19^{12} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 2, 1) = 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 1, 2) = 13 \cdot 19^{12} + 9 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 6) = 11 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 5, 1) = 5 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 4, 2) = 8 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 6 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 4, 1, 1) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 19^{17} + 12 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 3, 3) = 10 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 3, 2, 1) = 17 \cdot 19^{12} + 8 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 3, 1, 2) = 3 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 3, 1, 1, 1) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 4) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 3, 1) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 2, 2) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 2, 1, 1) = 3 \cdot 19^{12} + 13 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 3) = 12 \cdot 19^{12} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 2, 1) = 14 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 1, 2) = 7 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 12 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 5) = 12 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{15} + 19^{16} + 3 \cdot 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 4, 1) = 6 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 3, 2) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 3, 1, 1) = 19^{12} + 13 \cdot 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 3) = 13 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 6 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 2, 1) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 1, 2) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 4) = 9 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 3, 1) = 6 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 2, 2) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 11 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 3) = 12 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 18 \cdot 19^{12} + 4 \cdot 19^{13} + 3 \cdot 19^{14} + 19^{15} + 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 19^{13} + 12 \cdot 19^{14} + 3 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 14 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 8) = 13 \cdot 19^{12} + 2 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 7, 1) = 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 6, 2) = 14 \cdot 19^{12} + 15 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 6, 1, 1) = 5 \cdot 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 5, 3) = 15 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 5, 2, 1) = 8 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 5, 1, 2) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 5, 1, 1) = 6 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 16 \cdot 19^{18} + O(19^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 4, 4) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 4, 3, 1) = 16 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 4 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 4, 2, 2) = 9 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 4, 2, 1, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 4 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 4, 1, 3) = 4 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 4, 1, 2, 1) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 4, 1, 1, 2) = 16 \cdot 19^{13} + 19^{15} + 6 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 4, 1, 1, 1, 1) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{14} + 19^{15} + 2 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 5) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 4, 1) = 3 \cdot 19^{13} + 19^{14} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 3, 2) = 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 3, 1, 1) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 2, 3) = 10 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 2, 2, 1) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 2, 1, 2) = 18 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 2, 1, 1, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 4) = 4 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 3, 1) = 6 \cdot 19^{12} + 16 \cdot 19^{14} + 8 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 2, 2) = 6 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 18 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 2, 1, 1) = 16 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 3) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 2, 1) = 8 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 1, 2) = 2 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 17 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 6) = 7 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 5, 1) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 4, 2) = 6 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 4, 1, 1) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 5 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 3, 3) = 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 3, 2, 1) = 4 \cdot 19^{12} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 3, 1, 2) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 3, 1, 1, 1) = 11 \cdot 19^{12} + 18 \cdot 19^{13} + 4 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 4) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\ \zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 3, 1) = 6 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 2, 2) = 13 \cdot 19^{12} + 13 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 2, 1, 1) = 13 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 3) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 2, 1) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 1, 2) = 16 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 5) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 4, 1) = 17 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 3, 2) = 7 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 3 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 3, 1, 1) = 6 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 8 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 3) = 2 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 2, 1) = 10 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 1, 2) = 11 \cdot 19^{13} + 8 \cdot 19^{14} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 19^{12} + 18 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 4) = 2 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 3, 1) = 6 \cdot 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 2, 2) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 3) = 11 \cdot 19^{12} + 8 \cdot 19^{13} + 19^{14} + 19^{15} + 14 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 13 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 7) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 6, 1) = 17 \cdot 19^{12} + 19^{13} + 19^{14} + 9 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 17 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 5, 2) = 7 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 5, 1, 1) = 10 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 4, 3) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 4, 2, 1) = 19^{12} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 4, 1, 2) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 4, 1, 1, 1) = 18 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 6 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 4) = 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 3, 1) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 2, 2) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 2, 1, 1) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 3) = 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 8 \cdot 19^{15} + 13 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 2, 1) = 10 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 16 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 1, 2) = 6 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 3, 1, 1, 1) = 17 \cdot 19^{12} + 7 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 5) = 11 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 4, 1) = 11 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 3, 2) = 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 17 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 3, 1, 1) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 3) = 4 \cdot 19^{12} + 7 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 15 \cdot 19^{17} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 2, 1) = 15 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 1, 2) = 10 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 11 \cdot 19^{12} + 12 \cdot 19^{14} + 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 4) = 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 3, 1) = 15 \cdot 19^{12} + 16 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 2, 2) = 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 3) = 6 \cdot 19^{12} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 6 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 16 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 6) = 3 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 5, 1) = 4 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 4, 2) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 11 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 4, 1, 1) = 6 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 12 \cdot 19^{16} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 3) = 15 \cdot 19^{12} + 13 \cdot 19^{13} + 18 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 13 \cdot 19^{17} + 10 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 2, 1) = 12 \cdot 19^{12} + 6 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 1, 2) = 2 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 7 \cdot 19^{12} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 4) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 3, 1) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 2, 2) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 15 \cdot 19^{12} + 19^{13} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 12 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 3) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 10 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 14 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 5) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 4, 1) = 4 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{15} + 19^{16} + 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 3, 2) = 8 \cdot 19^{12} + 19^{13} + 6 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 18 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 3) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 13 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 13 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 4 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 4) = 3 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 14 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 19^{12} + 5 \cdot 19^{13} + 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 13 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 18 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 10) = 7 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 9, 1) = 11 \cdot 19^{12} + 15 \cdot 19^{13} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 8, 2) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 10 \cdot 19^{16} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 8, 1, 1) = 14 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 7, 3) = 3 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 7, 2, 1) = 19^{12} + 12 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 7, 1, 2) = 16 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 7, 1, 1, 1) = 13 \cdot 19^{12} + 19^{13} + 11 \cdot 19^{14} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 6, 4) = 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 6, 3, 1) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 6, 2, 2) = 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 6, 2, 1, 1) = 5 \cdot 19^{12} + 2 \cdot 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 6, 1, 3) = 5 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 6, 1, 2, 1) = 9 \cdot 19^{12} + 12 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 6, 1, 1, 2) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 6, 1, 1, 1, 1) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 5, 5) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 5, 4, 1) = 6 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 17 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 5, 3, 2) = 8 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 5, 3, 1, 1) = 15 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 5, 2, 3) = 9 \cdot 19^{12} + 9 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 5, 2, 2, 1) = 4 \cdot 19^{12} + 16 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 5, 2, 1, 2) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 18 \cdot 19^{16} + 17 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 5, 2, 1, 1, 1) = 2 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 5, 1, 4) = 15 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 5, 1, 3, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{16} + 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 5, 1, 2, 2) = 5 \cdot 19^{13} + 15 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 5, 1, 2, 1, 1) = 16 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 5, 1, 1, 3) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 5, 1, 1, 2, 1) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 4 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 5, 1, 1, 1, 2) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 5, 1, 1, 1, 1, 1) = 12 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 16 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 6) = 9 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 5, 1) = 10 \cdot 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 3 \cdot 19^{16} + 9 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 4, 2) = 5 \cdot 19^{12} + 4 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 4, 1, 1) = 13 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 3, 3) = 2 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 11 \cdot 19^{16} + 9 \cdot 19^{17} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 3, 2, 1) = 18 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 5 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 3, 1, 2) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 3, 1, 1, 1) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 2, 4) = 2 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 2, 3, 1) = 9 \cdot 19^{12} + 13 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 2, 2, 2) = 15 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 2 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 2, 2, 1, 1) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 2, 1, 3) = 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 9 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 2, 1, 2, 1) = 12 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 2, 1, 1, 2) = 12 \cdot 19^{12} + 17 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 2, 1, 1, 1, 1) = 5 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 5) = 11 \cdot 19^{12} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 4, 1) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 3, 2) = 6 \cdot 19^{12} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 18 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 3, 1, 1) = 13 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 8 \cdot 19^{16} + 7 \cdot 19^{17} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 2, 3) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 6 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 11 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 2, 2, 1) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 2, 1, 2) = 2 \cdot 19^{12} + 16 \cdot 19^{13} + 3 \cdot 19^{14} + 16 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 2, 1, 1, 1) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 4) = 11 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 3, 1) = 6 \cdot 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 17 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 2, 2) = 10 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 2, 1, 1) = 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 15 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 11 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 3) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 2, 1) = 13 \cdot 19^{13} + 5 \cdot 19^{14} + 6 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 1, 2) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{16} + 18 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 4, 1, 1, 1, 1, 1) = 6 \cdot 19^{12} + 17 \cdot 19^{13} + 6 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 7) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 6, 1) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 5, 2) = 3 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 5, 1, 1) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 4, 3) = 19^{12} + 18 \cdot 19^{13} + 13 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 4, 2, 1) = 18 \cdot 19^{12} + 9 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 6 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 4, 1, 2) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 4, 1, 1, 1) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 3, 4) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 3, 3, 1) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 3, 2, 2) = 15 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 3, 2, 1, 1) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 3, 1, 3) = 18 \cdot 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 3, 1, 2, 1) = 5 \cdot 19^{12} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 3, 1, 1, 2) = 7 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 3, 1, 1, 1, 1) = 13 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 5) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 4, 1) = 11 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 3, 2) = 16 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 9 \cdot 19^{15} + 15 \cdot 19^{16} + 5 \cdot 19^{17} + 15 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 3, 1, 1) = 18 \cdot 19^{12} + 3 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 2, 3) = 10 \cdot 19^{12} + 8 \cdot 19^{13} + 6 \cdot 19^{14} + 8 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 2, 2, 1) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 2, 1, 2) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 2, 1, 1, 1) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 14 \cdot 19^{15} + 11 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 4) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 3, 1) = 6 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 2, 2) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{16} + 3 \cdot 19^{17} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 2, 1, 1) = 6 \cdot 19^{12} + 10 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 3) = 19^{12} + 19^{13} + 16 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 2, 1) = 8 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 1, 2) = 6 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 12 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 6) = 13 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 5, 1) = 5 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 4, 2) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 4, 1, 1) = 11 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 10 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 3, 3) = 4 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 3, 2, 1) = 4 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 15 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 3, 1, 2) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 12 \cdot 19^{16} + 9 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 3, 1, 1, 1) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 14 \cdot 19^{17} + 16 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 4) = 8 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 3, 1) = 6 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 2, 2) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{17} + 15 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 2, 1, 1) = 4 \cdot 19^{12} + 9 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 17 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 3) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 2, 1) = 9 \cdot 19^{13} + 8 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 1, 2) = 15 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 7 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 5) = 15 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 4, 1) = 17 \cdot 19^{12} + 7 \cdot 19^{13} + 11 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 3, 2) = 5 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 3, 1, 1) = 7 \cdot 19^{12} + 11 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 3) = 5 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 18 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 2, 1) = 15 \cdot 19^{12} + 16 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 1, 2) = 3 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 16 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 4) = 15 \cdot 19^{12} + 7 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 16 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 3, 1) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 2, 2) = 12 \cdot 19^{12} + 6 \cdot 19^{13} + 2 \cdot 19^{14} + 14 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 19^{12} + 17 \cdot 19^{13} + 11 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 3) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 6 \cdot 19^{12} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 10 \cdot 19^{14} + 8 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 8) = 8 \cdot 19^{12} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 7, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 6, 2) = 14 \cdot 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 6, 1, 1) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 3 \cdot 19^{17} + 7 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 5, 3) = 14 \cdot 19^{12} + 16 \cdot 19^{13} + 2 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 5, 2, 1) = 13 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 5, 1, 2) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 4 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 5, 1, 1, 1) = 12 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 11 \cdot 19^{15} + 16 \cdot 19^{16} + 2 \cdot 19^{17} + 2 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 4, 4) = 7 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 4, 3, 1) = 6 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 18 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 4, 2, 2) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 4, 2, 1, 1) = 4 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 4, 1, 3) = 9 \cdot 19^{12} + 12 \cdot 19^{13} + 3 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 4, 1, 2, 1) = 19^{12} + 4 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 4, 1, 1, 2) = 2 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 4, 1, 1, 1, 1) = 11 \cdot 19^{12} + 8 \cdot 19^{14} + 14 \cdot 19^{15} + 9 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 5) = 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 4, 1) = 7 \cdot 19^{12} + 11 \cdot 19^{13} + 18 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 3, 2) = 16 \cdot 19^{12} + 19^{13} + 17 \cdot 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 3, 1, 1) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{15} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 2, 3) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 9 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 2, 2, 1) = 4 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 3 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 2, 1, 2) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 2, 1, 1, 1) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 7 \cdot 19^{16} + 6 \cdot 19^{17} + 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 4) = 8 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 17 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 3, 1) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 2, 2) = 6 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 9 \cdot 19^{15} + 9 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 2, 1, 1) = 6 \cdot 19^{12} + 10 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 3) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 2, 1) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 19^{14} + 17 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 1, 2) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 13 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 3, 1, 1, 1, 1, 1) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 6) = 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 5, 1) = 14 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 4, 2) = 3 \cdot 19^{12} + 11 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 4, 1, 1) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 3, 3) = 9 \cdot 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 3, 2, 1) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 3, 1, 2) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 3, 1, 1, 1) = 11 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 4) = 18 \cdot 19^{12} + 2 \cdot 19^{13} + 3 \cdot 19^{14} + 3 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 3, 1) = 8 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 9 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 2 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 2, 2) = 12 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 2, 1, 1) = 11 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 3) = 7 \cdot 19^{12} + 7 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 2, 1) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 1, 2) = 5 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 11 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 2, 1, 1, 1, 1) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 5) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 4, 1) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 3, 2) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 3, 1, 1) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 11 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 3) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 2, 1) = 9 \cdot 19^{12} + 10 \cdot 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 12 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 1, 2) = 11 \cdot 19^{12} + 9 \cdot 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 2, 1, 1, 1) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 4 \cdot 19^{15} + 2 \cdot 19^{16} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 4) = 2 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 3, 1) = 13 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 2, 2) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 15 \cdot 19^{13} + 12 \cdot 19^{14} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 3) = 16 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 18 \cdot 19^{15} + 4 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 13 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{15} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 7) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 6, 1) = 14 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 5, 2) = 11 \cdot 19^{12} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 5, 1, 1) = 10 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 4, 3) = 19^{12} + 10 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 4, 2, 1) = 14 \cdot 19^{12} + 19^{13} + 10 \cdot 19^{14} + 6 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 4, 1, 2) = 12 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 2 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 4, 1, 1, 1) = 18 \cdot 19^{12} + 4 \cdot 19^{13} + 9 \cdot 19^{14} + 2 \cdot 19^{15} + 9 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 4) = 15 \cdot 19^{12} + 15 \cdot 19^{13} + 11 \cdot 19^{14} + 16 \cdot 19^{15} + 2 \cdot 19^{17} + 7 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 3, 1) = 5 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 2, 2) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 6 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 2, 1, 1) = 2 \cdot 19^{12} + 10 \cdot 19^{14} + 12 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 3) = 11 \cdot 19^{12} + 6 \cdot 19^{13} + 16 \cdot 19^{14} + 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 2, 1) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 11 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 1, 2) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 3, 1, 1, 1, 1) = 2 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 13 \cdot 19^{17} + 12 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 5) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 4, 1) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 8 \cdot 19^{17} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 3, 2) = 7 \cdot 19^{12} + 3 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 16 \cdot 19^{16} + 3 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 3, 1, 1) = 19^{12} + 15 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 3) = 14 \cdot 19^{12} + 2 \cdot 19^{13} + 2 \cdot 19^{14} + 3 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 4 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 2, 1) = 3 \cdot 19^{12} + 11 \cdot 19^{13} + 11 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{17} + 6 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 1, 2) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 9 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 2, 1, 1, 1) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 14 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 4) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 3, 1) = 3 \cdot 19^{12} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 2, 2) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 2, 1, 1) = 18 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 3) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 17 \cdot 19^{14} + 6 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 2, 1) = 18 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 17 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 1, 2) = 16 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 2 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 6) = 17 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 5, 1) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 6 \cdot 19^{14} + 18 \cdot 19^{15} + 8 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 4, 2) = 17 \cdot 19^{12} + 4 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 3 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 4, 1, 1) = 10 \cdot 19^{12} + 3 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 3) = 17 \cdot 19^{12} + 16 \cdot 19^{13} + 14 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 2, 1) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 17 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 1, 2) = 19^{13} + 8 \cdot 19^{14} + 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 3, 1, 1, 1) = 15 \cdot 19^{12} + 7 \cdot 19^{13} + 14 \cdot 19^{14} + 12 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 4) = 7 \cdot 19^{12} + 14 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 3, 1) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 17 \cdot 19^{16} + 19^{17} + 3 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 2, 2) = 19^{12} + 8 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 19^{16} + 5 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 2, 1, 1) = 17 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 8 \cdot 19^{17} + 3 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 3) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 2, 1) = 16 \cdot 19^{12} + 18 \cdot 19^{13} + 17 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 19^{12} + 16 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 5) = 12 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 4, 1) = 16 \cdot 19^{12} + 19^{13} + 16 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 3, 2) = 5 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 3, 1, 1) = 15 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 14 \cdot 19^{15} + 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 3) = 15 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 8 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 2, 1) = 2 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 2 \cdot 19^{15} + 13 \cdot 19^{16} + 10 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 1, 2) = 10 \cdot 19^{12} + 19^{13} + 13 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 19^{12} + 16 \cdot 19^{13} + 6 \cdot 19^{14} + 12 \cdot 19^{15} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 4) = 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 3, 1) = 3 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 2 \cdot 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 16 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 2, 2) = 12 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1, 3) = 18 \cdot 19^{12} + 4 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 17 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 6 \cdot 19^{16} + 3 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 9 \cdot 19^{14} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 7 \cdot 19^{17} + 8 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 9) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 8, 1) = 12 \cdot 19^{12} + 16 \cdot 19^{13} + 8 \cdot 19^{14} + 8 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 7, 2) = 18 \cdot 19^{12} + 19^{13} + 14 \cdot 19^{14} + 4 \cdot 19^{15} + 14 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 7, 1, 1) = 10 \cdot 19^{12} + 18 \cdot 19^{13} + 10 \cdot 19^{14} + 11 \cdot 19^{15} + 7 \cdot 19^{16} + 7 \cdot 19^{17} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 6, 3) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 11 \cdot 19^{17} + 17 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 6, 2, 1) = 13 \cdot 19^{12} + 11 \cdot 19^{14} + 7 \cdot 19^{15} + 11 \cdot 19^{16} + 6 \cdot 19^{17} + 10 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 6, 1, 2) = 9 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 11 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 6, 1, 1, 1) = 3 \cdot 19^{12} + 2 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 5 \cdot 19^{17} + 11 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 5, 4) = 12 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 5, 3, 1) = 16 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 5, 2, 2) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 10 \cdot 19^{14} + 3 \cdot 19^{16} + 14 \cdot 19^{17} + 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 5, 2, 1, 1) = 14 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 3 \cdot 19^{17} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 5, 1, 3) = 5 \cdot 19^{12} + 14 \cdot 19^{13} + 14 \cdot 19^{14} + 19^{15} + 8 \cdot 19^{16} + 5 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 5, 1, 2, 1) = 4 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 3 \cdot 19^{16} + 12 \cdot 19^{17} + 6 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 5, 1, 1, 2) = 6 \cdot 19^{12} + 6 \cdot 19^{13} + 17 \cdot 19^{14} + 14 \cdot 19^{15} + 7 \cdot 19^{16} + 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 5, 1, 1, 1, 1) = 11 \cdot 19^{12} + 14 \cdot 19^{13} + 4 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 6 \cdot 19^{17} + 3 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 5) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 4, 1) = 11 \cdot 19^{12} + 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 3, 2) = 18 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 8 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 3, 1, 1) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 13 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 8 \cdot 19^{17} + 10 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 2, 3) = 12 \cdot 19^{12} + 19^{13} + 18 \cdot 19^{15} + 19^{16} + 3 \cdot 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 2, 2, 1) = 10 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{15} + 3 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 2, 1, 2) = 3 \cdot 19^{13} + 5 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 4 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 2, 1, 1, 1) = 3 \cdot 19^{12} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 4) = 15 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 9 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 3, 1) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{15} + 16 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 2, 2) = 8 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 5 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 2, 1, 1) = 14 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 14 \cdot 19^{15} + 14 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 3) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 2, 1) = 3 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{15} + 5 \cdot 19^{16} + 14 \cdot 19^{17} + 14 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 1, 2) = 12 \cdot 19^{12} + 5 \cdot 19^{13} + 7 \cdot 19^{14} + 6 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 4, 1, 1, 1, 1, 1) = 17 \cdot 19^{12} + 12 \cdot 19^{13} + 5 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 8 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 6) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 5, 1) = 9 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 4, 2) = 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 4 \cdot 19^{15} + 13 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 4, 1, 1) = 12 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 7 \cdot 19^{15} + 2 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 3, 3) = 3 \cdot 19^{12} + 6 \cdot 19^{13} + 14 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 3, 2, 1) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{16} + 16 \cdot 19^{17} + 11 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 3, 1, 2) = 13 \cdot 19^{12} + 12 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 3, 1, 1, 1) = 18 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{15} + 6 \cdot 19^{16} + 18 \cdot 19^{17} + 13 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 4) = 9 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 6 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 12 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 3, 1) = 10 \cdot 19^{12} + 6 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 2, 2) = 19^{12} + 15 \cdot 19^{13} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 2, 1, 1) = 7 \cdot 19^{12} + 18 \cdot 19^{13} + 14 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 3) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 9 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 2, 1) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 13 \cdot 19^{17} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 1, 2) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 10 \cdot 19^{14} + 18 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 13 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 15 \cdot 19^{12} + 8 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 3 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 5) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 16 \cdot 19^{16} + 6 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 4, 1) = 16 \cdot 19^{12} + 2 \cdot 19^{13} + 9 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 3, 2) = 15 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 15 \cdot 19^{16} + 6 \cdot 19^{17} + 11 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 3, 1, 1) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 3) = 7 \cdot 19^{12} + 5 \cdot 19^{13} + 11 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 2, 1) = 13 \cdot 19^{12} + 13 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 14 \cdot 19^{16} + 11 \cdot 19^{17} + 12 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 1, 2) = 17 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 18 \cdot 19^{17} + 6 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 11 \cdot 19^{12} + 18 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 8 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 4) = 11 \cdot 19^{12} + 2 \cdot 19^{14} + 12 \cdot 19^{15} + 13 \cdot 19^{17} + 2 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 3, 1) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 12 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 2, 2) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 7 \cdot 19^{17} + 5 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 16 \cdot 19^{12} + 12 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 4 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 3) = 13 \cdot 19^{12} + 14 \cdot 19^{13} + 9 \cdot 19^{16} + 4 \cdot 19^{17} + 7 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 15 \cdot 19^{12} + 2 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 11 \cdot 19^{12} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 17 \cdot 19^{16} + 12 \cdot 19^{17} + 12 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 2 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 11 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 7) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 6, 1) = 6 \cdot 19^{12} + 2 \cdot 19^{13} + 12 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 5, 2) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 2 \cdot 19^{14} + 16 \cdot 19^{15} + 11 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 5, 1, 1) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 4, 3) = 11 \cdot 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 14 \cdot 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 4, 2, 1) = 15 \cdot 19^{12} + 16 \cdot 19^{13} + 13 \cdot 19^{14} + 3 \cdot 19^{15} + 7 \cdot 19^{16} + 16 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 4, 1, 2) = 3 \cdot 19^{13} + 18 \cdot 19^{14} + 10 \cdot 19^{15} + 13 \cdot 19^{16} + 9 \cdot 19^{17} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 4, 1, 1, 1) = 16 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 15 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 4) = 6 \cdot 19^{12} + 8 \cdot 19^{13} + 13 \cdot 19^{14} + 15 \cdot 19^{15} + 13 \cdot 19^{16} + 19^{17} + 7 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 3, 1) = 11 \cdot 19^{13} + 14 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 2, 2) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 13 \cdot 19^{14} + 17 \cdot 19^{15} + 6 \cdot 19^{16} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 2, 1, 1) = 5 \cdot 19^{12} + 17 \cdot 19^{13} + 16 \cdot 19^{14} + 3 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 3) = 4 \cdot 19^{12} + 10 \cdot 19^{13} + 9 \cdot 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 2, 1) = 12 \cdot 19^{12} + 19^{13} + 9 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 7 \cdot 19^{17} + 9 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 1, 2) = 19^{12} + 16 \cdot 19^{13} + 5 \cdot 19^{14} + 10 \cdot 19^{15} + 11 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 5 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 11 \cdot 19^{15} + 3 \cdot 19^{16} + 17 \cdot 19^{17} + 18 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 5) = 10 \cdot 19^{12} + 5 \cdot 19^{13} + 15 \cdot 19^{14} + 2 \cdot 19^{15} + 15 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 4, 1) = 18 \cdot 19^{13} + 16 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 15 \cdot 19^{17} + 6 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 3, 2) = 18 \cdot 19^{13} + 2 \cdot 19^{14} + 11 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 3, 1, 1) = 18 \cdot 19^{12} + 3 \cdot 19^{14} + 9 \cdot 19^{15} + 4 \cdot 19^{16} + 17 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 3) = 18 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 7 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 2, 1) = 10 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 19^{17} + 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 1, 2) = 3 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 13 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 6 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 18 \cdot 19^{12} + 14 \cdot 19^{13} + 19^{14} + 19^{15} + 10 \cdot 19^{16} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 4) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 8 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 3, 1) = 16 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 2, 2) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 13 \cdot 19^{14} + 7 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 5 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 18 \cdot 19^{12} + 11 \cdot 19^{13} + 15 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 3) = 16 \cdot 19^{12} + 6 \cdot 19^{13} + 7 \cdot 19^{14} + 3 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 18 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 18 \cdot 19^{12} + 7 \cdot 19^{13} + 15 \cdot 19^{14} + 8 \cdot 19^{15} + 14 \cdot 19^{16} + 5 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 13 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 19^{16} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 6) = 4 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 5, 1) = 12 \cdot 19^{12} + 15 \cdot 19^{14} + 17 \cdot 19^{15} + 19^{16} + 19^{17} + 10 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 4, 2) = 7 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 4, 1, 1) = 2 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 3 \cdot 19^{15} + 8 \cdot 19^{16} + 16 \cdot 19^{17} + 9 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 3) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 11 \cdot 19^{14} + 19^{15} + 9 \cdot 19^{16} + 10 \cdot 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 2, 1) = 19^{12} + 5 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 5 \cdot 19^{16} + 10 \cdot 19^{17} + 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 1, 2) = 17 \cdot 19^{12} + 17 \cdot 19^{13} + 15 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 3, 1, 1) = 9 \cdot 19^{12} + 11 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 4) = 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 11 \cdot 19^{17} + 4 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 3, 1) = 14 \cdot 19^{12} + 14 \cdot 19^{13} + 3 \cdot 19^{14} + 18 \cdot 19^{15} + 13 \cdot 19^{16} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 2, 2) = 19^{12} + 2 \cdot 19^{13} + 10 \cdot 19^{14} + 15 \cdot 19^{15} + 16 \cdot 19^{16} + 18 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 7 \cdot 19^{12} + 8 \cdot 19^{13} + 17 \cdot 19^{14} + 7 \cdot 19^{15} + 16 \cdot 19^{16} + 10 \cdot 19^{17} + 18 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 3) = 17 \cdot 19^{12} + 9 \cdot 19^{13} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 14 \cdot 19^{16} + 9 \cdot 19^{17} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 13 \cdot 19^{12} + 17 \cdot 19^{13} + 4 \cdot 19^{14} + 13 \cdot 19^{15} + 14 \cdot 19^{16} + 10 \cdot 19^{17} + 8 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 8 \cdot 19^{12} + 6 \cdot 19^{13} + 18 \cdot 19^{14} + 3 \cdot 19^{15} + 13 \cdot 19^{16} + 4 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 18 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 5) = 5 \cdot 19^{12} + 8 \cdot 19^{13} + 12 \cdot 19^{14} + 7 \cdot 19^{15} + 13 \cdot 19^{16} + 7 \cdot 19^{17} + 4 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 4, 1) = 7 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 17 \cdot 19^{16} + 13 \cdot 19^{17} + 16 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 3, 2) = 14 \cdot 19^{12} + 11 \cdot 19^{13} + 10 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{13} + 9 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 14 \cdot 19^{17} + 5 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 3) = 13 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 16 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 14 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 10 \cdot 19^{12} + 13 \cdot 19^{13} + 15 \cdot 19^{14} + 14 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 5 \cdot 19^{12} + 3 \cdot 19^{13} + 6 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 16 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 17 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 13 \cdot 19^{15} + 17 \cdot 19^{16} + 18 \cdot 19^{17} + 18 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 4) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 17 \cdot 19^{14} + 15 \cdot 19^{15} + 10 \cdot 19^{17} + 17 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 12 \cdot 19^{12} + 13 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 13 \cdot 19^{16} + 13 \cdot 19^{17} + 6 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 8 \cdot 19^{12} + 18 \cdot 19^{13} + 15 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 18 \cdot 19^{12} + 8 \cdot 19^{13} + 2 \cdot 19^{14} + 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 15 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 12 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{14} + 6 \cdot 19^{15} + 6 \cdot 19^{16} + 19^{17} + 10 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 2 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 3 \cdot 19^{12} + 4 \cdot 19^{13} + 11 \cdot 19^{14} + 10 \cdot 19^{15} + 7 \cdot 19^{16} + 4 \cdot 19^{17} + 12 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 8) = 8 \cdot 19^{12} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 7, 1) = 4 \cdot 19^{12} + 4 \cdot 19^{13} + 5 \cdot 19^{14} + 12 \cdot 19^{15} + 2 \cdot 19^{16} + 16 \cdot 19^{17} + 7 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 6, 2) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 14 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 3 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 6, 1, 1) = 15 \cdot 19^{12} + 16 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 18 \cdot 19^{16} + 12 \cdot 19^{17} + 5 \cdot 19^{18} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 5, 3) = 3 \cdot 19^{12} + 7 \cdot 19^{13} + 18 \cdot 19^{14} + 4 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
 \zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 5, 2, 1) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 4 \cdot 19^{14} + 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 5, 1, 2) = 12 \cdot 19^{12} + 9 \cdot 19^{13} + 7 \cdot 19^{14} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 5, 1, 1, 1) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 9 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 4, 4) = 17 \cdot 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 3, 1) = 6 \cdot 19^{12} + 14 \cdot 19^{13} + 8 \cdot 19^{14} + 18 \cdot 19^{15} + 17 \cdot 19^{16} + 2 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 4, 2, 2) = 10 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 9 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 2, 1, 1) = 13 \cdot 19^{12} + 9 \cdot 19^{13} + 3 \cdot 19^{14} + 14 \cdot 19^{15} + 3 \cdot 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 4, 1, 3) = 7 \cdot 19^{13} + 17 \cdot 19^{15} + 12 \cdot 19^{16} + 10 \cdot 19^{17} + 5 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 1, 2, 1) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 4 \cdot 19^{14} + 11 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 4, 1, 1, 2) = 11 \cdot 19^{12} + 18 \cdot 19^{13} + 5 \cdot 19^{14} + 15 \cdot 19^{15} + 17 \cdot 19^{16} + 17 \cdot 19^{17} + 6 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 17 \cdot 19^{12} + 7 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 5) = 4 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 19^{16} + 2 \cdot 19^{17} + 11 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 4, 1) = 8 \cdot 19^{12} + 7 \cdot 19^{13} + 6 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 3, 2) = 6 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 3, 1, 1) = 11 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 14 \cdot 19^{15} + 5 \cdot 19^{16} + 2 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 2, 3) = 11 \cdot 19^{12} + 10 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 4 \cdot 19^{16} + 7 \cdot 19^{17} + 15 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 2, 2, 1) = 14 \cdot 19^{12} + 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 2, 1, 2) = 8 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{16} + 14 \cdot 19^{17} + 2 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 18 \cdot 19^{12} + 12 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{16} + 19^{17} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 4) = 13 \cdot 19^{12} + 3 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 4 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 3, 1) = 8 \cdot 19^{13} + 15 \cdot 19^{14} + 15 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 5 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 2, 2) = 15 \cdot 19^{12} + 10 \cdot 19^{13} + 5 \cdot 19^{14} + 17 \cdot 19^{15} + 9 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 3 \cdot 19^{12} + 9 \cdot 19^{13} + 2 \cdot 19^{14} + 4 \cdot 19^{15} + 12 \cdot 19^{16} + 3 \cdot 19^{17} + 10 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 3) = 16 \cdot 19^{12} + 7 \cdot 19^{13} + 5 \cdot 19^{14} + 8 \cdot 19^{15} + 2 \cdot 19^{16} + 13 \cdot 19^{17} + 13 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 16 \cdot 19^{12} + 13 \cdot 19^{13} + 3 \cdot 19^{14} + 2 \cdot 19^{15} + 2 \cdot 19^{16} + 10 \cdot 19^{17} + 12 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 10 \cdot 19^{12} + 6 \cdot 19^{13} + 12 \cdot 19^{14} + 18 \cdot 19^{15} + 14 \cdot 19^{16} + 3 \cdot 19^{17} + 5 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 3, 1, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 6) = 4 \cdot 19^{12} + 18 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 10 \cdot 19^{16} + 5 \cdot 19^{17} + 14 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 5, 1) = 12 \cdot 19^{12} + 17 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 11 \cdot 19^{17} + 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 4, 2) = 2 \cdot 19^{12} + 5 \cdot 19^{13} + 5 \cdot 19^{14} + 19^{15} + 16 \cdot 19^{16} + 4 \cdot 19^{17} + 4 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 4, 1, 1) = 4 \cdot 19^{12} + 12 \cdot 19^{13} + 19^{14} + 17 \cdot 19^{15} + 11 \cdot 19^{17} + 9 \cdot 19^{18} + 13 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 3, 3) = 7 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 9 \cdot 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 3, 2, 1) = 6 \cdot 19^{12} + 4 \cdot 19^{13} + 2 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 9 \cdot 19^{17} + 9 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 3, 1, 2) = 19^{12} + 8 \cdot 19^{13} + 7 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 9 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 4 \cdot 19^{12} + 14 \cdot 19^{13} + 10 \cdot 19^{14} + 10 \cdot 19^{15} + 15 \cdot 19^{16} + 11 \cdot 19^{17} + 5 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 4) = 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 17 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 16 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 3, 1) = 13 \cdot 19^{12} + 16 \cdot 19^{13} + 18 \cdot 19^{14} + 5 \cdot 19^{15} + 4 \cdot 19^{16} + 9 \cdot 19^{17} + 17 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 2, 2) = 8 \cdot 19^{12} + 9 \cdot 19^{13} + 4 \cdot 19^{14} + 8 \cdot 19^{15} + 9 \cdot 19^{17} + 2 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{15} + 8 \cdot 19^{16} + 10 \cdot 19^{17} + 3 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 3) = 9 \cdot 19^{12} + 7 \cdot 19^{13} + 17 \cdot 19^{14} + 18 \cdot 19^{15} + 11 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 2, 1) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 14 \cdot 19^{17} + 8 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 1, 2) = 17 \cdot 19^{12} + 18 \cdot 19^{13} + 18 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 12 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 19^{12} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 7 \cdot 19^{17} + 12 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 5) = 18 \cdot 19^{12} + 5 \cdot 19^{13} + 2 \cdot 19^{14} + 13 \cdot 19^{15} + 5 \cdot 19^{16} + 16 \cdot 19^{17} + 5 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 4, 1) = 11 \cdot 19^{12} + 13 \cdot 19^{13} + 10 \cdot 19^{14} + 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 10 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 3, 2) = 11 \cdot 19^{12} + 18 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 2 \cdot 19^{17} + 3 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 3, 1, 1) = 2 \cdot 19^{12} + 3 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 19^{16} + 16 \cdot 19^{17} + 10 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 3) = 9 \cdot 19^{12} + 2 \cdot 19^{13} + 6 \cdot 19^{14} + 18 \cdot 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{17} + 13 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 2, 1) = 5 \cdot 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 5 \cdot 19^{15} + 16 \cdot 19^{16} + 17 \cdot 19^{17} + 7 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 1, 2) = 19^{12} + 2 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 19^{16} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 4) = 9 \cdot 19^{12} + 17 \cdot 19^{13} + 7 \cdot 19^{14} + 16 \cdot 19^{15} + 10 \cdot 19^{16} + 14 \cdot 19^{17} + 18 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 3, 1) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 14 \cdot 19^{14} + 5 \cdot 19^{15} + 5 \cdot 19^{16} + 17 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 2, 2) = 19^{12} + 4 \cdot 19^{13} + 8 \cdot 19^{14} + 15 \cdot 19^{15} + 12 \cdot 19^{16} + 6 \cdot 19^{17} + 6 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 19^{12} + 12 \cdot 19^{13} + 17 \cdot 19^{14} + 13 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1, 3) = 3 \cdot 19^{12} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 7 \cdot 19^{12} + 2 \cdot 19^{13} + 13 \cdot 19^{14} + 13 \cdot 19^{15} + 8 \cdot 19^{16} + 15 \cdot 19^{17} + 17 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 7) = 6 \cdot 19^{12} + 6 \cdot 19^{14} + 2 \cdot 19^{15} + 7 \cdot 19^{17} + 3 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 6, 1) = 5 \cdot 19^{12} + 3 \cdot 19^{13} + 12 \cdot 19^{14} + 10 \cdot 19^{15} + 19^{16} + 9 \cdot 19^{17} + 16 \cdot 19^{18} + 12 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 5, 2) = 19^{12} + 17 \cdot 19^{13} + 3 \cdot 19^{14} + 4 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 5, 1, 1) = 18 \cdot 19^{12} + 13 \cdot 19^{13} + 8 \cdot 19^{14} + 4 \cdot 19^{15} + 9 \cdot 19^{16} + 5 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 4, 3) = 7 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 12 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 4, 2, 1) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 8 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 5 \cdot 19^{17} + 4 \cdot 19^{18} + 5 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 4, 1, 2) = 11 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 4 \cdot 19^{15} + 11 \cdot 19^{16} + 3 \cdot 19^{17} + 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 4 \cdot 19^{12} + 9 \cdot 19^{13} + 17 \cdot 19^{14} + 17 \cdot 19^{15} + 18 \cdot 19^{16} + 18 \cdot 19^{17} + 11 \cdot 19^{18} + 18 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 4) = 4 \cdot 19^{12} + 8 \cdot 19^{13} + 14 \cdot 19^{14} + 3 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 3, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 11 \cdot 19^{14} + 12 \cdot 19^{15} + 7 \cdot 19^{16} + 15 \cdot 19^{17} + 7 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 2, 2) = 14 \cdot 19^{12} + 19^{13} + 12 \cdot 19^{14} + 11 \cdot 19^{16} + 5 \cdot 19^{17} + 16 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 15 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 13 \cdot 19^{15} + 11 \cdot 19^{16} + 2 \cdot 19^{17} + 18 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 3) = 7 \cdot 19^{12} + 4 \cdot 19^{13} + 16 \cdot 19^{14} + 18 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{17} + 14 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 5 \cdot 19^{12} + 9 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 10 \cdot 19^{16} + 13 \cdot 19^{17} + 4 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 10 \cdot 19^{12} + 15 \cdot 19^{13} + 3 \cdot 19^{14} + 12 \cdot 19^{15} + 4 \cdot 19^{16} + 15 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 12 \cdot 19^{15} + 12 \cdot 19^{16} + 17 \cdot 19^{17} + 16 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 5) = 3 \cdot 19^{12} + 10 \cdot 19^{13} + 10 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 19^{17} + 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 4, 1) = 14 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 12 \cdot 19^{15} + 5 \cdot 19^{16} + 11 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 3, 2) = 11 \cdot 19^{13} + 6 \cdot 19^{14} + 7 \cdot 19^{15} + 10 \cdot 19^{16} + 10 \cdot 19^{17} + 9 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 16 \cdot 19^{12} + 4 \cdot 19^{13} + 18 \cdot 19^{14} + 16 \cdot 19^{15} + 18 \cdot 19^{16} + 5 \cdot 19^{17} + 18 \cdot 19^{18} + 15 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 3) = 5 \cdot 19^{13} + 7 \cdot 19^{14} + 7 \cdot 19^{15} + 5 \cdot 19^{16} + 5 \cdot 19^{17} + 12 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 13 \cdot 19^{12} + 18 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 3 \cdot 19^{16} + 11 \cdot 19^{17} + 18 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 14 \cdot 19^{14} + 7 \cdot 19^{15} + 15 \cdot 19^{16} + 18 \cdot 19^{17} + 17 \cdot 19^{18} + 10 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 5 \cdot 19^{12} + 2 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 7 \cdot 19^{17} + 17 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 4) = 3 \cdot 19^{12} + 17 \cdot 19^{13} + 18 \cdot 19^{14} + 17 \cdot 19^{15} + 10 \cdot 19^{16} + 16 \cdot 19^{17} + 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 6 \cdot 19^{16} + 8 \cdot 19^{17} + 8 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 11 \cdot 19^{12} + 15 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 9 \cdot 19^{16} + 13 \cdot 19^{17} + 8 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 17 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 5 \cdot 19^{15} + 18 \cdot 19^{17} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 18 \cdot 19^{12} + 6 \cdot 19^{13} + 19^{14} + 6 \cdot 19^{15} + 15 \cdot 19^{16} + 3 \cdot 19^{17} + 8 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 19^{12} + 7 \cdot 19^{13} + 4 \cdot 19^{14} + 5 \cdot 19^{15} + 13 \cdot 19^{16} + 14 \cdot 19^{17} + 13 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 2 \cdot 19^{12} + 9 \cdot 19^{13} + 10 \cdot 19^{14} + 13 \cdot 19^{15} + 19^{16} + 10 \cdot 19^{17} + 6 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 6) = 8 \cdot 19^{12} + 7 \cdot 19^{14} + 5 \cdot 19^{15} + 7 \cdot 19^{17} + 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 5, 1) = 4 \cdot 19^{12} + 15 \cdot 19^{13} + 9 \cdot 19^{14} + 15 \cdot 19^{15} + 9 \cdot 19^{16} + 18 \cdot 19^{17} + 16 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 4, 2) = 8 \cdot 19^{12} + 13 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 13 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 19^{12} + 2 \cdot 19^{13} + 14 \cdot 19^{14} + 9 \cdot 19^{15} + 6 \cdot 19^{16} + 12 \cdot 19^{17} + 8 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 3) = 13 \cdot 19^{12} + 2 \cdot 19^{13} + 18 \cdot 19^{14} + 7 \cdot 19^{15} + 19^{16} + 15 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 12 \cdot 19^{14} + 17 \cdot 19^{15} + 14 \cdot 19^{16} + 12 \cdot 19^{17} + 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 11 \cdot 19^{12} + 19^{13} + 15 \cdot 19^{14} + 3 \cdot 19^{15} + 5 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 19^{12} + 14 \cdot 19^{13} + 16 \cdot 19^{14} + 5 \cdot 19^{15} + 6 \cdot 19^{16} + 13 \cdot 19^{17} + 17 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 4) = 8 \cdot 19^{12} + 5 \cdot 19^{14} + 7 \cdot 19^{15} + 7 \cdot 19^{16} + 17 \cdot 19^{17} + 2 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 16 \cdot 19^{15} + 13 \cdot 19^{16} + 18 \cdot 19^{17} + 5 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 8 \cdot 19^{12} + 17 \cdot 19^{13} + 10 \cdot 19^{14} + 5 \cdot 19^{15} + 3 \cdot 19^{16} + 8 \cdot 19^{17} + 11 \cdot 19^{18} + 2 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 12 \cdot 19^{12} + 10 \cdot 19^{13} + 19^{14} + 11 \cdot 19^{15} + 2 \cdot 19^{16} + 8 \cdot 19^{17} + 12 \cdot 19^{19} + O(19^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 3) = 4 \cdot 19^{12} + 6 \cdot 19^{13} + 8 \cdot 19^{14} + 2 \cdot 19^{15} + 10 \cdot 19^{16} + 11 \cdot 19^{17} + 7 \cdot 19^{18} + 8 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 11 \cdot 19^{12} + 8 \cdot 19^{13} + 18 \cdot 19^{15} + 15 \cdot 19^{16} + 4 \cdot 19^{17} + 18 \cdot 19^{18} + 11 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 15 \cdot 19^{12} + 12 \cdot 19^{13} + 9 \cdot 19^{14} + 10 \cdot 19^{15} + 2 \cdot 19^{16} + 11 \cdot 19^{17} + 10 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 5) = 3 \cdot 19^{12} + 3 \cdot 19^{13} + 19^{14} + 2 \cdot 19^{15} + 3 \cdot 19^{16} + 4 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 4, 1) = 2 \cdot 19^{12} + 15 \cdot 19^{13} + 13 \cdot 19^{14} + 14 \cdot 19^{15} + 13 \cdot 19^{16} + 16 \cdot 19^{17} + 15 \cdot 19^{18} + 16 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 3, 2) = 5 \cdot 19^{12} + 7 \cdot 19^{13} + 8 \cdot 19^{15} + 15 \cdot 19^{16} + 17 \cdot 19^{17} + 12 \cdot 19^{18} + 6 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 14 \cdot 19^{12} + 14 \cdot 19^{13} + 7 \cdot 19^{14} + 15 \cdot 19^{15} + 6 \cdot 19^{16} + 15 \cdot 19^{17} + 2 \cdot 19^{18} + 4 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2, 3) = 6 \cdot 19^{12} + 16 \cdot 19^{13} + 17 \cdot 19^{14} + 10 \cdot 19^{15} + 9 \cdot 19^{16} + 17 \cdot 19^{17} + 14 \cdot 19^{18} + 9 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 18 \cdot 19^{12} + 18 \cdot 19^{13} + 8 \cdot 19^{14} + 16 \cdot 19^{15} + 4 \cdot 19^{16} + 6 \cdot 19^{17} + 14 \cdot 19^{18} + 17 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 12 \cdot 19^{12} + 3 \cdot 19^{13} + 8 \cdot 19^{14} + 10 \cdot 19^{15} + 6 \cdot 19^{16} + 2 \cdot 19^{17} + 15 \cdot 19^{18} + 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 4) = 7 \cdot 19^{12} + 8 \cdot 19^{13} + 15 \cdot 19^{14} + 6 \cdot 19^{15} + 8 \cdot 19^{16} + 17 \cdot 19^{17} + 9 \cdot 19^{18} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 16 \cdot 19^{12} + 17 \cdot 19^{13} + 9 \cdot 19^{14} + 9 \cdot 19^{15} + 8 \cdot 19^{16} + 6 \cdot 19^{17} + 8 \cdot 19^{18} + 3 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 19^{12} + 3 \cdot 19^{13} + 16 \cdot 19^{14} + 14 \cdot 19^{15} + 12 \cdot 19^{16} + 15 \cdot 19^{17} + 9 \cdot 19^{18} + 14 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 9 \cdot 19^{12} + 5 \cdot 19^{13} + 18 \cdot 19^{14} + 8 \cdot 19^{15} + 5 \cdot 19^{16} + 7 \cdot 19^{17} + 13 \cdot 19^{18} + 7 \cdot 19^{19} + O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(19^{20}) \\
\zeta_{19}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{19}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(19^{20})
\end{aligned}$$

9.  $p = 23$  CASE

## 9.1. weight 0 case.

$$\zeta_{23}(\emptyset) = \zeta_{23}() = 1 + O(23^{20})$$

## 9.2. weight 1 case.

$$\zeta_{23}([1]) = \zeta_{23}(1) = O(23^{20})$$

## 9.3. weight 2 case.

$$\zeta_{23}([1, 0]) = \zeta_{23}(2) = O(23^{20})$$

$$\zeta_{23}([1, 1]) = \zeta_{23}(1, 1) = O(23^{20})$$

## 9.4. weight 3 case.

$$\zeta_{23}([1, 0, 0]) = \zeta_{23}(3) = 18 \cdot 23^3 + 19 \cdot 23^4 + 8 \cdot 23^5 + 23^6 + 18 \cdot 23^7 + 11 \cdot 23^8 + 12 \cdot 23^9 + 5 \cdot 23^{10} + 4 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 1]) = \zeta_{23}(2, 1) = 10 \cdot 23^3 + 6 \cdot 23^4 + 5 \cdot 23^5 + 20 \cdot 23^6 + 9 \cdot 23^7 + 22 \cdot 23^8 + 20 \cdot 23^9 + 11 \cdot 23^{10} + 14 \cdot 23^{11} + 15 \cdot 23^{12} + 22 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 1, 0]) = \zeta_{23}(1, 2) = 18 \cdot 23^3 + 19 \cdot 23^4 + 8 \cdot 23^5 + 23^6 + 18 \cdot 23^7 + 11 \cdot 23^8 + 12 \cdot 23^9 + 5 \cdot 23^{10} + 4 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 1, 1]) = \zeta_{23}(1, 1, 1) = O(23^{20})$$

## 9.5. weight 4 case.

$$\zeta_{23}([1, 0, 0, 0]) = \zeta_{23}(4) = O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 1]) = \zeta_{23}(3, 1) = O(23^{20})$$

$$\zeta_{23}([1, 0, 1, 0]) = \zeta_{23}(2, 2) = O(23^{20})$$

$$\zeta_{23}([1, 0, 1, 1]) = \zeta_{23}(2, 1, 1) = O(23^{20})$$

$$\zeta_{23}([1, 1, 0, 0]) = \zeta_{23}(1, 3) = O(23^{20})$$

$$\zeta_{23}([1, 1, 0, 1]) = \zeta_{23}(1, 2, 1) = O(23^{20})$$

$$\zeta_{23}([1, 1, 1, 0]) = \zeta_{23}(1, 1, 2) = O(23^{20})$$

$$\zeta_{23}([1, 1, 1, 1]) = \zeta_{23}(1, 1, 1, 1) = O(23^{20})$$



$$\begin{aligned}
& \zeta_{23}([1, 0, 1, 1, 1, 1]) = \zeta_{23}(2, 1, 1, 1, 1) = O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 0, 0, 0]) = \zeta_{23}(1, 5) = 22 \cdot 23^6 + 18 \cdot 23^7 + 16 \cdot 23^8 + 10 \cdot 23^9 + 19 \cdot 23^{10} + 21 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 0, 0, 1]) = \zeta_{23}(1, 4, 1) = 3 \cdot 23^6 + 12 \cdot 23^7 + 18 \cdot 23^8 + 13 \cdot 23^9 + 10 \cdot 23^{10} + 3 \cdot 23^{11} + 11 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 0, 1, 0]) = \zeta_{23}(1, 3, 2) = 20 \cdot 23^6 + 10 \cdot 23^7 + 4 \cdot 23^8 + 9 \cdot 23^9 + 12 \cdot 23^{10} + 19 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 0, 1, 1]) = \zeta_{23}(1, 3, 1, 1) = 23^6 + 4 \cdot 23^7 + 6 \cdot 23^8 + 12 \cdot 23^9 + 3 \cdot 23^{10} + 23^{11} + 19 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 1, 0, 0]) = \zeta_{23}(1, 2, 3) = 6 \cdot 23^6 + 23^7 + 14 \cdot 23^8 + 4 \cdot 23^9 + 21 \cdot 23^{10} + 6 \cdot 23^{11} + 22 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 1, 0, 1]) = \zeta_{23}(1, 2, 2, 1) = 15 \cdot 23^6 + 13 \cdot 23^7 + 19 \cdot 23^8 + 16 \cdot 23^9 + 17 \cdot 23^{10} + 13 \cdot 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 1, 1, 0]) = \zeta_{23}(1, 2, 1, 2) = 23^6 + 4 \cdot 23^7 + 6 \cdot 23^8 + 12 \cdot 23^9 + 3 \cdot 23^{10} + 23^{11} + 19 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 1, 0, 1, 1, 1]) = \zeta_{23}(1, 2, 1, 1, 1) = O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 0, 0, 0]) = \zeta_{23}(1, 1, 4) = 21 \cdot 23^6 + 14 \cdot 23^7 + 10 \cdot 23^8 + 21 \cdot 23^9 + 15 \cdot 23^{10} + 20 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 0, 0, 1]) = \zeta_{23}(1, 1, 3, 1) = 2 \cdot 23^6 + 8 \cdot 23^7 + 12 \cdot 23^8 + 23^9 + 7 \cdot 23^{10} + 2 \cdot 23^{11} + 15 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 0, 1, 0]) = \zeta_{23}(1, 1, 2, 2) = 2 \cdot 23^6 + 8 \cdot 23^7 + 12 \cdot 23^8 + 23^9 + 7 \cdot 23^{10} + 2 \cdot 23^{11} + 15 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 0, 1, 1]) = \zeta_{23}(1, 1, 2, 1, 1) = O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 1, 0, 0]) = \zeta_{23}(1, 1, 1, 3) = 22 \cdot 23^6 + 18 \cdot 23^7 + 16 \cdot 23^8 + 10 \cdot 23^9 + 19 \cdot 23^{10} + 21 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 1, 0, 1]) = \zeta_{23}(1, 1, 1, 2, 1) = O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 1, 1, 0]) = \zeta_{23}(1, 1, 1, 1, 2) = O(23^{20}) \\
& \zeta_{23}([1, 1, 1, 1, 1, 1]) = \zeta_{23}(1, 1, 1, 1, 1, 1) = O(23^{20})
\end{aligned}$$

### 9.8. weight 7 case.

$$\begin{aligned}
& \zeta_{23}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{23}(7) = 15 \cdot 23^7 + 3 \cdot 23^8 + 10 \cdot 23^9 + 23^{10} + 17 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{23}(6, 1) = 9 \cdot 23^7 + 8 \cdot 23^8 + 5 \cdot 23^9 + 17 \cdot 23^{10} + 15 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{23}(5, 2) = 12 \cdot 23^7 + 13 \cdot 23^8 + 9 \cdot 23^9 + 14 \cdot 23^{10} + 9 \cdot 23^{11} + 8 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{23}(5, 1, 1) = 16 \cdot 23^7 + 15 \cdot 23^8 + 2 \cdot 23^9 + 20 \cdot 23^{10} + 11 \cdot 23^{11} + 7 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{23}(4, 3) = 6 \cdot 23^7 + 3 \cdot 23^8 + 23^9 + 20 \cdot 23^{10} + 14 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{23}(4, 2, 1) = 9 \cdot 23^8 + 18 \cdot 23^9 + 11 \cdot 23^{10} + 10 \cdot 23^{11} + 2 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{23}(4, 1, 2) = 8 \cdot 23^7 + 16 \cdot 23^8 + 2 \cdot 23^9 + 8 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{23}(4, 1, 1, 1) = 20 \cdot 23^7 + 3 \cdot 23^8 + 14 \cdot 23^9 + 14 \cdot 23^{10} + 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{23}(3, 4) = 2 \cdot 23^7 + 16 \cdot 23^8 + 11 \cdot 23^9 + 23^{10} + 14 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{23}(3, 3, 1) = 5 \cdot 23^7 + 11 \cdot 23^8 + 21 \cdot 23^9 + 10 \cdot 23^{10} + 11 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{23}(3, 2, 2) = 19 \cdot 23^7 + 19 \cdot 23^8 + 7 \cdot 23^9 + 18 \cdot 23^{10} + 8 \cdot 23^{11} + 4 \cdot 23^{12} + 8 \cdot 23^{13} + 20 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{23}(3, 2, 1, 1) = 7 \cdot 23^7 + 2 \cdot 23^8 + 11 \cdot 23^9 + 3 \cdot 23^{10} + 9 \cdot 23^{11} + 20 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{23}(3, 1, 3) = 2 \cdot 23^7 + 22 \cdot 23^8 + 8 \cdot 23^9 + 5 \cdot 23^{10} + 7 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{23}(3, 1, 2, 1) = 22 \cdot 23^7 + 23^8 + 12 \cdot 23^9 + 15 \cdot 23^{10} + 17 \cdot 23^{11} + 20 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
& \zeta_{23}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{23}(3, 1, 1, 2) = 8 \cdot 23^7 + 16 \cdot 23^8 + 2 \cdot 23^9 + 8 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20})
\end{aligned}$$





$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 1) = 20 \cdot 23^7 + 3 \cdot 23^8 + 14 \cdot 23^9 + 14 \cdot 23^{10} + 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 2) = 18 \cdot 23^7 + 13 \cdot 23^8 + 21 \cdot 23^{10} + 4 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1) = 22 \cdot 23^7 + 10 \cdot 23^8 + 7 \cdot 23^9 + 4 \cdot 23^{10} + 5 \cdot 23^{11} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 3) = 7 \cdot 23^7 + 23^8 + 12 \cdot 23^9 + 4 \cdot 23^{10} + 20 \cdot 23^{11} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1) = 12 \cdot 23^7 + 13 \cdot 23^8 + 9 \cdot 23^9 + 14 \cdot 23^{10} + 9 \cdot 23^{11} + 8 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2) = 2 \cdot 23^7 + 16 \cdot 23^8 + 11 \cdot 23^9 + 23^{10} + 14 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1) = 22 \cdot 23^7 + 18 \cdot 23^8 + 3 \cdot 23^9 + 17 \cdot 23^{10} + 3 \cdot 23^{11} + 6 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 4) = 6 \cdot 23^7 + 18 \cdot 23^8 + 4 \cdot 23^9 + 7 \cdot 23^{10} + 16 \cdot 23^{11} + 15 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 22 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1) = 9 \cdot 23^7 + 8 \cdot 23^8 + 5 \cdot 23^9 + 17 \cdot 23^{10} + 15 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2) = 19 \cdot 23^7 + 5 \cdot 23^8 + 3 \cdot 23^9 + 7 \cdot 23^{10} + 19 \cdot 23^{11} + 6 \cdot 23^{12} + 6 \cdot 23^{13} + 2 \cdot 23^{14} + 8 \cdot 23^{15} + 11 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1) = 18 \cdot 23^7 + 8 \cdot 23^8 + 14 \cdot 23^9 + 21 \cdot 23^{10} + 2 \cdot 23^{11} + 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3) = 22 \cdot 23^7 + 10 \cdot 23^8 + 7 \cdot 23^9 + 4 \cdot 23^{10} + 5 \cdot 23^{11} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1) = 2 \cdot 23^7 + 23^8 + 8 \cdot 23^9 + 14 \cdot 23^{10} + 12 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2) = 15 \cdot 23^7 + 3 \cdot 23^8 + 10 \cdot 23^9 + 23^{10} + 17 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1) = O(23^{20})
\end{aligned}$$

### 9.9. weight 8 case.

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(8) = O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(7, 1) = 9 \cdot 23^8 + 22 \cdot 23^9 + 21 \cdot 23^{10} + 20 \cdot 23^{11} + 15 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{16} + 8 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(6, 2) = 22 \cdot 23^8 + 23^9 + 6 \cdot 23^{10} + 20 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(6, 1, 1) = 11 \cdot 23^8 + 21 \cdot 23^{10} + 10 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 20 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(5, 3) = 23^8 + 9 \cdot 23^9 + 15 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 5 \cdot 23^{16} + 11 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(5, 2, 1) = 20 \cdot 23^8 + 3 \cdot 23^9 + 16 \cdot 23^{10} + 9 \cdot 23^{11} + 3 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 14 \cdot 23^{15} + 23^{16} + 22 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(5, 1, 2) = 10 \cdot 23^9 + 4 \cdot 23^{10} + 6 \cdot 23^{11} + 13 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 21 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(5, 1, 1, 1) = 19 \cdot 23^8 + 18 \cdot 23^9 + 17 \cdot 23^{10} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 4) = O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 3, 1) = 16 \cdot 23^8 + 11 \cdot 23^{10} + 9 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 2, 2) = 21 \cdot 23^8 + 12 \cdot 23^9 + 21 \cdot 23^{10} + 9 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 2, 1, 1) = 23^8 + 2 \cdot 23^9 + 13 \cdot 23^{10} + 3 \cdot 23^{11} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 3) = 8 \cdot 23^8 + 3 \cdot 23^9 + 17 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 2, 1) = 6 \cdot 23^8 + 8 \cdot 23^{10} + 12 \cdot 23^{11} + 2 \cdot 23^{12} + 3 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 2) = 13 \cdot 23^8 + 11 \cdot 23^9 + 9 \cdot 23^{10} + 22 \cdot 23^{11} + 2 \cdot 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 1) = 10 \cdot 23^8 + 19 \cdot 23^9 + 18 \cdot 23^{10} + 2 \cdot 23^{11} + 13 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 19 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 5) = 8 \cdot 23^8 + 13 \cdot 23^9 + 21 \cdot 23^{10} + 5 \cdot 23^{11} + 6 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 4, 1) = 9 \cdot 23^8 + 21 \cdot 23^9 + 21 \cdot 23^{10} + 21 \cdot 23^{11} + 9 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 3, 2) = 17 \cdot 23^8 + 17 \cdot 23^9 + 10 \cdot 23^{10} + 18 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 3, 1, 1) = 7 \cdot 23^8 + 8 \cdot 23^9 + 17 \cdot 23^{10} + 14 \cdot 23^{11} + 4 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 6 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 3) = 11 \cdot 23^8 + 15 \cdot 23^9 + 3 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 2, 1) = 17 \cdot 23^8 + 22 \cdot 23^9 + 19 \cdot 23^{10} + 18 \cdot 23^{11} + 6 \cdot 23^{12} + 2 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 15 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 2) = 11 \cdot 23^8 + 12 \cdot 23^9 + 21 \cdot 23^{10} + 13 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 1) = 6 \cdot 23^8 + 18 \cdot 23^9 + 17 \cdot 23^{10} + 20 \cdot 23^{11} + 16 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 4) = 4 \cdot 23^8 + 11 \cdot 23^9 + 15 \cdot 23^{10} + 10 \cdot 23^{11} + 11 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 3, 1) = 7 \cdot 23^8 + 12 \cdot 23^{10} + 12 \cdot 23^{11} + 3 \cdot 23^{12} + 2 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 18 \cdot 23^{17} + 2 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 2) = 20 \cdot 23^8 + 5 \cdot 23^9 + 13 \cdot 23^{10} + 6 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 1) = 23^8 + 17 \cdot 23^9 + 5 \cdot 23^{10} + 17 \cdot 23^{11} + 10 \cdot 23^{12} + 12 \cdot 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 3) = 8 \cdot 23^8 + 19 \cdot 23^9 + 21 \cdot 23^{10} + 18 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 1) = 9 \cdot 23^8 + 9 \cdot 23^9 + 18 \cdot 23^{10} + 11 \cdot 23^{11} + 7 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 2) = 10 \cdot 23^9 + 4 \cdot 23^{10} + 6 \cdot 23^{11} + 13 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 21 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1) = 16 \cdot 23^8 + 23^9 + 15 \cdot 23^{11} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 6) = 23^8 + 21 \cdot 23^9 + 16 \cdot 23^{10} + 2 \cdot 23^{11} + 20 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 5, 1) = 16 \cdot 23^8 + 3 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 6 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 4, 2) = 5 \cdot 23^8 + 18 \cdot 23^9 + 19 \cdot 23^{10} + 5 \cdot 23^{11} + 21 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 4, 1, 1) = 14 \cdot 23^8 + 4 \cdot 23^9 + 12 \cdot 23^{10} + 10 \cdot 23^{11} + 16 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 3) = 9 \cdot 23^8 + 13 \cdot 23^9 + 9 \cdot 23^{10} + 21 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 2, 1) = 7 \cdot 23^8 + 16 \cdot 23^9 + 11 \cdot 23^{10} + 14 \cdot 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 2) = 20 \cdot 23^8 + 5 \cdot 23^9 + 13 \cdot 23^{10} + 6 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 1) = 12 \cdot 23^8 + 13 \cdot 23^9 + 22 \cdot 23^{10} + 11 \cdot 23^{11} + 6 \cdot 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 4) = 20 \cdot 23^8 + 14 \cdot 23^9 + 4 \cdot 23^{10} + 7 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 3, 1) = 12 \cdot 23^8 + 4 \cdot 23^9 + 10 \cdot 23^{10} + 18 \cdot 23^{11} + 19 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 2) = O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 1) = 10 \cdot 23^8 + 2 \cdot 23^9 + 4 \cdot 23^{10} + 8 \cdot 23^{11} + 5 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 3) = 18 \cdot 23^8 + 4 \cdot 23^9 + 23^{10} + 16 \cdot 23^{11} + 4 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 1) = 19 \cdot 23^8 + 9 \cdot 23^9 + 21 \cdot 23^{10} + 8 \cdot 23^{11} + 7 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 2) = 21 \cdot 23^8 + 12 \cdot 23^9 + 21 \cdot 23^{10} + 9 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1) = 3 \cdot 23^8 + 18 \cdot 23^9 + 14 \cdot 23^{10} + 6 \cdot 23^{11} + 12 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 5) = 5 \cdot 23^8 + 22 \cdot 23^9 + 12 \cdot 23^{10} + 22 \cdot 23^{11} + 16 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 4, 1) = 8 \cdot 23^8 + 16 \cdot 23^9 + 15 \cdot 23^{10} + 15 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 2) = 22 \cdot 23^8 + 17 \cdot 23^9 + 7 \cdot 23^{10} + 9 \cdot 23^{11} + 10 \cdot 23^{12} + 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 1) = 16 \cdot 23^8 + 9 \cdot 23^9 + 15 \cdot 23^{10} + 16 \cdot 23^{11} + 9 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 3) = 12 \cdot 23^8 + 2 \cdot 23^9 + 19 \cdot 23^{10} + 6 \cdot 23^{11} + 6 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 1) = 2 \cdot 23^8 + 21 \cdot 23^9 + 14 \cdot 23^{10} + 17 \cdot 23^{11} + 15 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 2) = 17 \cdot 23^8 + 17 \cdot 23^9 + 10 \cdot 23^{10} + 18 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1) = 12 \cdot 23^8 + 2 \cdot 23^9 + 9 \cdot 23^{10} + 7 \cdot 23^{11} + 14 \cdot 23^{12} + 4 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 4) = 14 \cdot 23^8 + 22 \cdot 23^9 + 13 \cdot 23^{10} + 3 \cdot 23^{11} + 9 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 1) = 10 \cdot 23^8 + 15 \cdot 23^9 + 7 \cdot 23^{10} + 17 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 2) = 5 \cdot 23^8 + 18 \cdot 23^9 + 19 \cdot 23^{10} + 5 \cdot 23^{11} + 21 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1) = 21 \cdot 23^8 + 22 \cdot 23^9 + 17 \cdot 23^{10} + 14 \cdot 23^{12} + 12 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 3) = 3 \cdot 23^8 + 21 \cdot 23^9 + 18 \cdot 23^{10} + 17 \cdot 23^{11} + 16 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1) = 3 \cdot 23^8 + 18 \cdot 23^9 + 14 \cdot 23^{10} + 6 \cdot 23^{11} + 12 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2) = 22 \cdot 23^8 + 23^9 + 6 \cdot 23^{10} + 20 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 7) = 14 \cdot 23^8 + 23^{10} + 2 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 6, 1) = 16 \cdot 23^8 + 20 \cdot 23^9 + 21 \cdot 23^{10} + 5 \cdot 23^{11} + 22 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 5, 2) = 3 \cdot 23^8 + 21 \cdot 23^9 + 18 \cdot 23^{10} + 17 \cdot 23^{11} + 16 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 5, 1, 1) = 18 \cdot 23^8 + 21 \cdot 23^9 + 20 \cdot 23^{10} + 18 \cdot 23^{11} + 8 \cdot 23^{12} + 14 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 3) = 21 \cdot 23^8 + 9 \cdot 23^9 + 17 \cdot 23^{10} + 21 \cdot 23^{11} + 17 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 2, 1) = 4 \cdot 23^8 + 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 8 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 2) = 8 \cdot 23^8 + 19 \cdot 23^9 + 21 \cdot 23^{10} + 18 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 1) = 17 \cdot 23^8 + 2 \cdot 23^9 + 11 \cdot 23^{10} + 12 \cdot 23^{11} + 22 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 4) = 2 \cdot 23^8 + 10 \cdot 23^{10} + 7 \cdot 23^{11} + 18 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 3, 1) = 6 \cdot 23^8 + 12 \cdot 23^9 + 23^{10} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 2) = 18 \cdot 23^8 + 4 \cdot 23^9 + 23^{10} + 16 \cdot 23^{11} + 4 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 1) = 8 \cdot 23^8 + 5 \cdot 23^{11} + 7 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 3) = O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 1) = 22 \cdot 23^8 + 9 \cdot 23^9 + 13 \cdot 23^{10} + 6 \cdot 23^{11} + 20 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 3 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 2) = 8 \cdot 23^8 + 3 \cdot 23^9 + 17 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1) = 16 \cdot 23^8 + 9 \cdot 23^9 + 15 \cdot 23^{10} + 16 \cdot 23^{11} + 9 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 5) = 16 \cdot 23^8 + 11 \cdot 23^9 + 14 \cdot 23^{10} + 20 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 4, 1) = 3 \cdot 23^8 + 3 \cdot 23^9 + 7 \cdot 23^{10} + 2 \cdot 23^{11} + 9 \cdot 23^{12} + 14 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 2) = 12 \cdot 23^8 + 2 \cdot 23^9 + 19 \cdot 23^{10} + 6 \cdot 23^{11} + 6 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 1) = 7 \cdot 23^8 + 3 \cdot 23^9 + 6 \cdot 23^{10} + 7 \cdot 23^{11} + 12 \cdot 23^{12} + 23^{13} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 3) = 10 \cdot 23^8 + 13 \cdot 23^9 + 20 \cdot 23^{10} + 13 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 2 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 1) = 15 \cdot 23^8 + 12 \cdot 23^9 + 5 \cdot 23^{10} + 11 \cdot 23^{11} + 17 \cdot 23^{12} + 18 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 23^{16} + 8 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 2) = 11 \cdot 23^8 + 15 \cdot 23^9 + 3 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1) = 5 \cdot 23^8 + 7 \cdot 23^9 + 7 \cdot 23^{10} + 2 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 4) = 4 \cdot 23^8 + 5 \cdot 23^9 + 15 \cdot 23^{10} + 20 \cdot 23^{11} + 4 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 1) = 14 \cdot 23^8 + 2 \cdot 23^9 + 6 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 2) = 9 \cdot 23^8 + 13 \cdot 23^9 + 9 \cdot 23^{10} + 21 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1) = 8 \cdot 23^8 + 19 \cdot 23^9 + 16 \cdot 23^{10} + 10 \cdot 23^{11} + 3 \cdot 23^{12} + 20 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 3) = 21 \cdot 23^8 + 9 \cdot 23^9 + 17 \cdot 23^{10} + 21 \cdot 23^{11} + 17 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1) = 19 \cdot 23^8 + 9 \cdot 23^9 + 21 \cdot 23^{10} + 8 \cdot 23^{11} + 7 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2) = 23^8 + 9 \cdot 23^9 + 15 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 5 \cdot 23^{16} + 11 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 6) = 19 \cdot 23^8 + 23^9 + 3 \cdot 23^{10} + 6 \cdot 23^{11} + 21 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 5, 1) = 22 \cdot 23^8 + 2 \cdot 23^9 + 3 \cdot 23^{10} + 18 \cdot 23^{11} + 15 \cdot 23^{12} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 2) = 14 \cdot 23^8 + 22 \cdot 23^9 + 13 \cdot 23^{10} + 3 \cdot 23^{11} + 9 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 1) = 23^8 + 19 \cdot 23^9 + 9 \cdot 23^{10} + 6 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{14} + 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 3) = 4 \cdot 23^8 + 5 \cdot 23^9 + 15 \cdot 23^{10} + 20 \cdot 23^{11} + 4 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 1) = 21 \cdot 23^8 + 11 \cdot 23^9 + 4 \cdot 23^{10} + 19 \cdot 23^{11} + 21 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 2) = 4 \cdot 23^8 + 11 \cdot 23^9 + 15 \cdot 23^{10} + 10 \cdot 23^{11} + 11 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 4) = 12 \cdot 23^8 + 5 \cdot 23^9 + 20 \cdot 23^{10} + 16 \cdot 23^{11} + 17 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 1) = 4 \cdot 23^8 + 7 \cdot 23^9 + 9 \cdot 23^{10} + 10 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 2) = 20 \cdot 23^8 + 14 \cdot 23^9 + 4 \cdot 23^{10} + 7 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1) = 5 \cdot 23^8 + 18 \cdot 23^9 + 19 \cdot 23^{10} + 5 \cdot 23^{11} + 21 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 3) = 2 \cdot 23^8 + 10 \cdot 23^{10} + 7 \cdot 23^{11} + 18 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1) = 14 \cdot 23^8 + 15 \cdot 23^9 + 5 \cdot 23^{10} + 22 \cdot 23^{11} + 20 \cdot 23^{12} + 6 \cdot 23^{13} + 19 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 5) = 10 \cdot 23^8 + 2 \cdot 23^9 + 4 \cdot 23^{10} + 8 \cdot 23^{11} + 5 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 1) = 22 \cdot 23^8 + 2 \cdot 23^9 + 3 \cdot 23^{10} + 18 \cdot 23^{11} + 15 \cdot 23^{12} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 2) = 5 \cdot 23^8 + 22 \cdot 23^9 + 12 \cdot 23^{10} + 22 \cdot 23^{11} + 16 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1) = 16 \cdot 23^8 + 12 \cdot 23^9 + 6 \cdot 23^{10} + 4 \cdot 23^{11} + 6 \cdot 23^{12} + 8 \cdot 23^{14} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 3) = 16 \cdot 23^8 + 11 \cdot 23^9 + 14 \cdot 23^{10} + 20 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1) = 2 \cdot 23^8 + 6 \cdot 23^9 + 10 \cdot 23^{10} + 20 \cdot 23^{11} + 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2) = 8 \cdot 23^8 + 13 \cdot 23^9 + 21 \cdot 23^{10} + 5 \cdot 23^{11} + 6 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 4) = 19 \cdot 23^8 + 23^9 + 3 \cdot 23^{10} + 6 \cdot 23^{11} + 21 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1) = 7 \cdot 23^8 + 21 \cdot 23^9 + 22 \cdot 23^{10} + 7 \cdot 23^{11} + 6 \cdot 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2) = 23^8 + 21 \cdot 23^9 + 16 \cdot 23^{10} + 2 \cdot 23^{11} + 20 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3) = 14 \cdot 23^8 + 23^{10} + 2 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20})
\end{aligned}$$

### 9.10. weight 9 case.

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(9) = 2 \cdot 23^9 + 6 \cdot 23^{10} + 21 \cdot 23^{11} + 17 \cdot 23^{12} + 15 \cdot 23^{13} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(8, 1) = 13 \cdot 23^9 + 15 \cdot 23^{10} + 8 \cdot 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(7, 2) = 12 \cdot 23^9 + 14 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(7, 1, 1) = 13 \cdot 23^9 + 20 \cdot 23^{10} + 18 \cdot 23^{11} + 10 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(6, 3) = 7 \cdot 23^9 + 17 \cdot 23^{10} + 4 \cdot 23^{11} + 20 \cdot 23^{12} + 7 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(6, 2, 1) = 17 \cdot 23^9 + 22 \cdot 23^{10} + 11 \cdot 23^{11} + 2 \cdot 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 18 \cdot 23^{15} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(6, 1, 2) = 2 \cdot 23^9 + 14 \cdot 23^{10} + 7 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(6, 1, 1, 1) = 3 \cdot 23^9 + 11 \cdot 23^{10} + 15 \cdot 23^{11} + 10 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(5, 4) = 10 \cdot 23^9 + 12 \cdot 23^{10} + 6 \cdot 23^{11} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 21 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(5, 3, 1) = 15 \cdot 23^9 + 7 \cdot 23^{10} + 13 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(5, 2, 2) = 4 \cdot 23^9 + 9 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 5 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(5, 2, 1, 1) = 13 \cdot 23^9 + 19 \cdot 23^{10} + 12 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 16 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(5, 1, 3) = 11 \cdot 23^9 + 2 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 11 \cdot 23^{16} + 12 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(5, 1, 2, 1) = 22 \cdot 23^9 + 6 \cdot 23^{10} + 21 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(5, 1, 1, 2) = 10 \cdot 23^9 + 5 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(5, 1, 1, 1, 1) = 7 \cdot 23^9 + 14 \cdot 23^{10} + 8 \cdot 23^{11} + 18 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 5) = 11 \cdot 23^9 + 4 \cdot 23^{10} + 18 \cdot 23^{11} + 11 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 6 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 4, 1) = 22 \cdot 23^9 + 17 \cdot 23^{10} + 14 \cdot 23^{11} + 17 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 3, 2) = 5 \cdot 23^9 + 14 \cdot 23^{10} + 5 \cdot 23^{11} + 18 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 3, 1, 1) = 4 \cdot 23^9 + 16 \cdot 23^{10} + 7 \cdot 23^{11} + 22 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 2, 3) = 21 \cdot 23^9 + 19 \cdot 23^{10} + 10 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 2, 2, 1) = 8 \cdot 23^9 + 8 \cdot 23^{10} + 20 \cdot 23^{11} + 15 \cdot 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 2, 1, 2) = 11 \cdot 23^9 + 21 \cdot 23^{10} + 21 \cdot 23^{11} + 22 \cdot 23^{12} + 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 2, 1, 1, 1) = 20 \cdot 23^9 + 14 \cdot 23^{10} + 16 \cdot 23^{11} + 9 \cdot 23^{12} + 23^{13} + 16 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 4) = 23^9 + 13 \cdot 23^{10} + 12 \cdot 23^{11} + 19 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 3, 1) = 4 \cdot 23^9 + 6 \cdot 23^{10} + 13 \cdot 23^{11} + 11 \cdot 23^{12} + 4 \cdot 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 2, 2) = 2 \cdot 23^9 + 23^{10} + 19 \cdot 23^{11} + 17 \cdot 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 11 \cdot 23^{15} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 2, 1, 1) = 17 \cdot 23^9 + 10 \cdot 23^{10} + 18 \cdot 23^{11} + 22 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 3) = 5 \cdot 23^9 + 4 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 2, 1) = 6 \cdot 23^9 + 16 \cdot 23^{10} + 22 \cdot 23^{11} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 2) = 10 \cdot 23^9 + 5 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 1) = 20 \cdot 23^9 + 5 \cdot 23^{10} + 9 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 6) = 14 \cdot 23^9 + 22 \cdot 23^{10} + 19 \cdot 23^{11} + 7 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 5, 1) = 15 \cdot 23^9 + 7 \cdot 23^{10} + 13 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 4, 2) = 7 \cdot 23^9 + 16 \cdot 23^{10} + 17 \cdot 23^{11} + 14 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 22 \cdot 23^{16} + 8 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 4, 1, 1) = 2 \cdot 23^9 + 14 \cdot 23^{10} + 18 \cdot 23^{11} + 2 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 3, 3) = 22 \cdot 23^9 + 23^{10} + 11 \cdot 23^{11} + 22 \cdot 23^{12} + 12 \cdot 23^{13} + 15 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 3, 2, 1) = 16 \cdot 23^9 + 23^{10} + 4 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{15} + 20 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 3, 1, 2) = 9 \cdot 23^9 + 15 \cdot 23^{10} + 16 \cdot 23^{11} + 6 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 3, 1, 1, 1) = 2 \cdot 23^9 + 6 \cdot 23^{10} + 12 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 10 \cdot 23^{15} + 3 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 4) = 8 \cdot 23^9 + 23^{10} + 10 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 3, 1) = 2 \cdot 23^9 + 9 \cdot 23^{10} + 11 \cdot 23^{11} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 2, 2) = 14 \cdot 23^9 + 19 \cdot 23^{10} + 13 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 2, 1, 1) = 8 \cdot 23^9 + 13 \cdot 23^{10} + 17 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 1, 3) = 8 \cdot 23^9 + 23^{10} + 5 \cdot 23^{11} + 19 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 1, 2, 1) = 11 \cdot 23^9 + 20 \cdot 23^{10} + 14 \cdot 23^{11} + 15 \cdot 23^{13} + 15 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 2) = 11 \cdot 23^9 + 21 \cdot 23^{10} + 21 \cdot 23^{11} + 22 \cdot 23^{12} + 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 1) = 19 \cdot 23^9 + 2 \cdot 23^{10} + 6 \cdot 23^{12} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 5) = 12 \cdot 23^9 + 15 \cdot 23^{10} + 16 \cdot 23^{11} + 9 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 4, 1) = 12 \cdot 23^9 + 5 \cdot 23^{10} + 3 \cdot 23^{11} + 22 \cdot 23^{12} + 4 \cdot 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 3, 2) = 17 \cdot 23^9 + 12 \cdot 23^{10} + 20 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 5 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 3, 1, 1) = 23^9 + 12 \cdot 23^{10} + 17 \cdot 23^{11} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 3) = 3 \cdot 23^9 + 2 \cdot 23^{10} + 20 \cdot 23^{11} + 13 \cdot 23^{12} + 18 \cdot 23^{13} + 13 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 2, 1) = 5 \cdot 23^9 + 13 \cdot 23^{11} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 2) = 9 \cdot 23^9 + 15 \cdot 23^{10} + 16 \cdot 23^{11} + 6 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 1) = 11 \cdot 23^9 + 6 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 4) = 11 \cdot 23^9 + 12 \cdot 23^{10} + 3 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 3, 1) = 13 \cdot 23^9 + 22 \cdot 23^{10} + 12 \cdot 23^{11} + 15 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 2 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 2) = 4 \cdot 23^{10} + 6 \cdot 23^{11} + 7 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 1) = 13 \cdot 23^9 + 14 \cdot 23^{10} + 18 \cdot 23^{11} + 21 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 9 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 3) = 10 \cdot 23^9 + 2 \cdot 23^{10} + 18 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 1) = 10 \cdot 23^9 + 7 \cdot 23^{10} + 21 \cdot 23^{11} + 3 \cdot 23^{12} + 11 \cdot 23^{13} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 2) = 2 \cdot 23^9 + 14 \cdot 23^{10} + 7 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1) = 4 \cdot 23^9 + 11 \cdot 23^{10} + 16 \cdot 23^{11} + 13 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 7) = 9 \cdot 23^9 + 2 \cdot 23^{10} + 9 \cdot 23^{11} + 13 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 6, 1) = 7 \cdot 23^9 + 22 \cdot 23^{10} + 12 \cdot 23^{11} + 9 \cdot 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 5, 2) = 16 \cdot 23^9 + 12 \cdot 23^{11} + 17 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 5, 1, 1) = 8 \cdot 23^9 + 6 \cdot 23^{10} + 15 \cdot 23^{11} + 19 \cdot 23^{12} + 2 \cdot 23^{13} + 8 \cdot 23^{14} + 18 \cdot 23^{15} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 4, 3) = 2 \cdot 23^9 + 13 \cdot 23^{10} + 6 \cdot 23^{11} + 16 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 4, 2, 1) = 5 \cdot 23^9 + 16 \cdot 23^{10} + 14 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 4, 1, 2) = 4 \cdot 23^{10} + 6 \cdot 23^{11} + 7 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 4, 1, 1, 1) = 7 \cdot 23^{10} + 22 \cdot 23^{11} + 10 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 21 \cdot 23^{17} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 4) = 7 \cdot 23^9 + 16 \cdot 23^{10} + 14 \cdot 23^{11} + 16 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 4 \cdot 23^{16} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 3, 1) = 13 \cdot 23^9 + 2 \cdot 23^{10} + 2 \cdot 23^{11} + 11 \cdot 23^{12} + 8 \cdot 23^{13} + 14 \cdot 23^{15} + 4 \cdot 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 2, 2) = 8 \cdot 23^9 + 6 \cdot 23^{10} + 5 \cdot 23^{11} + 15 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 23^{15} + 23^{16} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 2, 1, 1) = 6 \cdot 23^9 + 2 \cdot 23^{10} + 18 \cdot 23^{11} + 20 \cdot 23^{12} + 23^{13} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 3) = 19 \cdot 23^9 + 9 \cdot 23^{10} + 22 \cdot 23^{11} + 8 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 2, 1) = 9 \cdot 23^9 + 16 \cdot 23^{10} + 8 \cdot 23^{11} + 14 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 2) = 2 \cdot 23^9 + 23^{10} + 19 \cdot 23^{11} + 17 \cdot 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 11 \cdot 23^{15} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 1) = 4 \cdot 23^9 + 12 \cdot 23^{10} + 3 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 2 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 5) = 5 \cdot 23^9 + 19 \cdot 23^{10} + 14 \cdot 23^{11} + 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 4, 1) = 5 \cdot 23^9 + 9 \cdot 23^{10} + 18 \cdot 23^{11} + 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 3, 2) = 23^9 + 23^{10} + 13 \cdot 23^{11} + 4 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 3, 1, 1) = 4 \cdot 23^9 + 7 \cdot 23^{10} + 22 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 4 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 3) = 21 \cdot 23^9 + 12 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 2, 1) = 4 \cdot 23^9 + 12 \cdot 23^{10} + 19 \cdot 23^{11} + 12 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 2) = 14 \cdot 23^9 + 19 \cdot 23^{10} + 13 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 1) = 22 \cdot 23^9 + 23^{10} + 8 \cdot 23^{11} + 16 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 4) = 22 \cdot 23^9 + 16 \cdot 23^{10} + 21 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 3, 1) = 11 \cdot 23^9 + 21 \cdot 23^{10} + 16 \cdot 23^{11} + 5 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 2) = 8 \cdot 23^9 + 6 \cdot 23^{10} + 5 \cdot 23^{11} + 15 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 23^{15} + 23^{16} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 1) = 14 \cdot 23^9 + 21 \cdot 23^{10} + 8 \cdot 23^{11} + 15 \cdot 23^{12} + 22 \cdot 23^{13} + 6 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 3) = 18 \cdot 23^9 + 17 \cdot 23^{10} + 19 \cdot 23^{11} + 15 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 1) = 23^9 + 10 \cdot 23^{10} + 12 \cdot 23^{11} + 9 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 2) = 4 \cdot 23^9 + 9 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 5 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 6) = 6 \cdot 23^{10} + 3 \cdot 23^{11} + 18 \cdot 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 5, 1) = 4 \cdot 23^9 + 7 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 18 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 4, 2) = 22 \cdot 23^9 + 18 \cdot 23^{10} + 10 \cdot 23^{11} + 10 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 20 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 4, 1, 1) = 18 \cdot 23^9 + 14 \cdot 23^{10} + 17 \cdot 23^{11} + 23^{12} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 3) = 22 \cdot 23^9 + 6 \cdot 23^{10} + 11 \cdot 23^{11} + 18 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 2, 1) = 16 \cdot 23^9 + 17 \cdot 23^{10} + 5 \cdot 23^{11} + 16 \cdot 23^{12} + 23^{13} + 9 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 2) = 17 \cdot 23^9 + 12 \cdot 23^{10} + 20 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 5 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 1) = 13 \cdot 23^9 + 11 \cdot 23^{10} + 2 \cdot 23^{11} + 18 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 18 \cdot 23^{17} + 2 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 4) = 18 \cdot 23^9 + 3 \cdot 23^{10} + 7 \cdot 23^{11} + 4 \cdot 23^{12} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 3, 1) = 17 \cdot 23^9 + 18 \cdot 23^{10} + 18 \cdot 23^{11} + 5 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 2) = 23^9 + 23^{10} + 13 \cdot 23^{11} + 4 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 1) = 21 \cdot 23^9 + 3 \cdot 23^{10} + 23^{11} + 3 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 3) = 16 \cdot 23^9 + 6 \cdot 23^{10} + 16 \cdot 23^{11} + 14 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 1) = 12 \cdot 23^9 + 19 \cdot 23^{10} + 22 \cdot 23^{11} + 16 \cdot 23^{12} + 19 \cdot 23^{13} + 14 \cdot 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 6 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 2) = 5 \cdot 23^9 + 14 \cdot 23^{10} + 5 \cdot 23^{11} + 18 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1) = 12 \cdot 23^9 + 11 \cdot 23^{10} + 6 \cdot 23^{11} + 17 \cdot 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 5) = 23^9 + 10 \cdot 23^{10} + 19 \cdot 23^{11} + 15 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 4, 1) = 3 \cdot 23^9 + 17 \cdot 23^{10} + 20 \cdot 23^{11} + 9 \cdot 23^{12} + 10 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 2) = 22 \cdot 23^9 + 18 \cdot 23^{10} + 10 \cdot 23^{11} + 10 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 20 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 1) = 23^9 + 13 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 3) = 17 \cdot 23^9 + 22 \cdot 23^{10} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 1) = 10 \cdot 23^9 + 7 \cdot 23^{10} + 18 \cdot 23^{11} + 5 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 2) = 7 \cdot 23^9 + 16 \cdot 23^{10} + 17 \cdot 23^{11} + 14 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 22 \cdot 23^{16} + 8 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1) = 8 \cdot 23^9 + 23^{10} + 16 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 4) = 12 \cdot 23^9 + 3 \cdot 23^{10} + 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 1) = 7 \cdot 23^9 + 8 \cdot 23^{10} + 19 \cdot 23^{11} + 12 \cdot 23^{12} + 10 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 2) = 16 \cdot 23^9 + 12 \cdot 23^{11} + 17 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1) = 4 \cdot 23^9 + 14 \cdot 23^{10} + 2 \cdot 23^{11} + 11 \cdot 23^{12} + 3 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 3) = 8 \cdot 23^9 + 6 \cdot 23^{11} + 20 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1) = 6 \cdot 23^9 + 16 \cdot 23^{10} + 11 \cdot 23^{11} + 9 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2) = 12 \cdot 23^9 + 14 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1) = 7 \cdot 23^9 + 20 \cdot 23^{10} + 13 \cdot 23^{11} + 17 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 8) = 8 \cdot 23^9 + 23^{10} + 16 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 7, 1) = 18 \cdot 23^9 + 20 \cdot 23^{10} + 6 \cdot 23^{11} + 7 \cdot 23^{12} + 22 \cdot 23^{13} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 6, 2) = 8 \cdot 23^9 + 6 \cdot 23^{11} + 20 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 6, 1, 1) = 5 \cdot 23^9 + 23^{10} + 7 \cdot 23^{11} + 12 \cdot 23^{12} + 13 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 5, 3) = 3 \cdot 23^9 + 6 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 5, 2, 1) = 8 \cdot 23^9 + 6 \cdot 23^{10} + 15 \cdot 23^{11} + 19 \cdot 23^{12} + 2 \cdot 23^{13} + 8 \cdot 23^{14} + 18 \cdot 23^{15} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 5, 1, 2) = 10 \cdot 23^9 + 2 \cdot 23^{10} + 18 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 5, 1, 1, 1) = 21 \cdot 23^9 + 14 \cdot 23^{10} + 14 \cdot 23^{11} + 6 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 19 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 4) = 2 \cdot 23^9 + 21 \cdot 23^{10} + 16 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 3, 1) = 15 \cdot 23^9 + 13 \cdot 23^{10} + 19 \cdot 23^{11} + 9 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 2, 2) = 18 \cdot 23^9 + 17 \cdot 23^{10} + 19 \cdot 23^{11} + 15 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 2, 1, 1) = 15 \cdot 23^9 + 16 \cdot 23^{10} + 7 \cdot 23^{11} + 18 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 23^{15} + 19 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 3) = 22 \cdot 23^9 + 18 \cdot 23^{10} + 23^{11} + 16 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 8 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 2, 1) = 10 \cdot 23^9 + 15 \cdot 23^{10} + 4 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{13} + 4 \cdot 23^{14} + 13 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 2) = 5 \cdot 23^9 + 4 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 1) = 19 \cdot 23^9 + 9 \cdot 23^{11} + 22 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 5) = 17 \cdot 23^9 + 18 \cdot 23^{10} + 13 \cdot 23^{11} + 3 \cdot 23^{12} + 14 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 4, 1) = 9 \cdot 23^9 + 16 \cdot 23^{10} + 18 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 3, 2) = 16 \cdot 23^9 + 6 \cdot 23^{10} + 16 \cdot 23^{11} + 14 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 3, 1, 1) = 13 \cdot 23^9 + 14 \cdot 23^{10} + 23^{11} + 3 \cdot 23^{12} + 13 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 3) = 5 \cdot 23^9 + 10 \cdot 23^{10} + 20 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 2, 1) = 20 \cdot 23^9 + 5 \cdot 23^{10} + 2 \cdot 23^{11} + 21 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 2) = 8 \cdot 23^9 + 23^{10} + 5 \cdot 23^{11} + 19 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 1) = 9 \cdot 23^9 + 21 \cdot 23^{10} + 12 \cdot 23^{11} + 10 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 5 \cdot 23^{17} + 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 4) = 14 \cdot 23^9 + 8 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 3, 1) = 6 \cdot 23^9 + 12 \cdot 23^{10} + 5 \cdot 23^{11} + 2 \cdot 23^{12} + 22 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 16 \cdot 23^{16} + 10 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 2) = 19 \cdot 23^9 + 9 \cdot 23^{10} + 22 \cdot 23^{11} + 8 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 1) = 3 \cdot 23^9 + 15 \cdot 23^{10} + 10 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 18 \cdot 23^{17} + 2 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 3) = 22 \cdot 23^9 + 18 \cdot 23^{10} + 23^{11} + 16 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 8 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 1) = 23^9 + 13 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 2) = 11 \cdot 23^9 + 2 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 11 \cdot 23^{16} + 12 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1) = 6 \cdot 23^9 + 19 \cdot 23^{10} + 20 \cdot 23^{11} + 6 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 6) = 16 \cdot 23^9 + 15 \cdot 23^{10} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 5, 1) = 11 \cdot 23^9 + 18 \cdot 23^{10} + 3 \cdot 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 4, 2) = 17 \cdot 23^9 + 22 \cdot 23^{10} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 4, 1, 1) = 16 \cdot 23^{10} + 20 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 3) = 7 \cdot 23^9 + 18 \cdot 23^{10} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 2, 1) = 13 \cdot 23^9 + 3 \cdot 23^{10} + 15 \cdot 23^{11} + 22 \cdot 23^{12} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 2) = 3 \cdot 23^9 + 2 \cdot 23^{10} + 20 \cdot 23^{11} + 13 \cdot 23^{12} + 18 \cdot 23^{13} + 13 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 1) = 14 \cdot 23^9 + 20 \cdot 23^{10} + 20 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 4) = 4 \cdot 23^9 + 2 \cdot 23^{10} + 5 \cdot 23^{11} + 8 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 3, 1) = 12 \cdot 23^9 + 15 \cdot 23^{10} + 12 \cdot 23^{11} + 16 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 2) = 21 \cdot 23^9 + 12 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 1) = 23^9 + 6 \cdot 23^{10} + 12 \cdot 23^{11} + 14 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 3) = 5 \cdot 23^9 + 10 \cdot 23^{10} + 20 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 1) = 7 \cdot 23^9 + 23^{10} + 7 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 2) = 21 \cdot 23^9 + 19 \cdot 23^{10} + 10 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1) = 9 \cdot 23^9 + 22 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 5) = 23^{10} + 9 \cdot 23^{11} + 3 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 10 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 4, 1) = 7 \cdot 23^9 + 10 \cdot 23^{10} + 19 \cdot 23^{11} + 6 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 2) = 22 \cdot 23^9 + 6 \cdot 23^{10} + 11 \cdot 23^{11} + 18 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 1) = 3 \cdot 23^9 + 15 \cdot 23^{10} + 10 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 18 \cdot 23^{17} + 2 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 3) = 7 \cdot 23^9 + 18 \cdot 23^{10} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 1) = 21 \cdot 23^9 + 22 \cdot 23^{10} + 5 \cdot 23^{11} + 17 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 9 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 2) = 22 \cdot 23^9 + 23^{10} + 11 \cdot 23^{11} + 22 \cdot 23^{12} + 12 \cdot 23^{13} + 15 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 4) = 23^9 + 21 \cdot 23^{10} + 15 \cdot 23^{11} + 22 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 1) = 3 \cdot 23^9 + 14 \cdot 23^{10} + 19 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 2) = 2 \cdot 23^9 + 13 \cdot 23^{10} + 6 \cdot 23^{11} + 16 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1) = 3 \cdot 23^9 + 4 \cdot 23^{10} + 5 \cdot 23^{11} + 8 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 3) = 3 \cdot 23^9 + 6 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1) = 4 \cdot 23^9 + 14 \cdot 23^{10} + 2 \cdot 23^{11} + 11 \cdot 23^{12} + 3 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2) = 7 \cdot 23^9 + 17 \cdot 23^{10} + 4 \cdot 23^{11} + 20 \cdot 23^{12} + 7 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 7) = 17 \cdot 23^9 + 10 \cdot 23^{10} + 18 \cdot 23^{11} + 22 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 6, 1) = 13 \cdot 23^9 + 11 \cdot 23^{10} + 14 \cdot 23^{11} + 3 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 5, 2) = 12 \cdot 23^9 + 3 \cdot 23^{10} + 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 5, 1, 1) = 8 \cdot 23^9 + 15 \cdot 23^{10} + 13 \cdot 23^{11} + 22 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 3) = 23^9 + 21 \cdot 23^{10} + 15 \cdot 23^{11} + 22 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 2, 1) = 3 \cdot 23^9 + 6 \cdot 23^{10} + 23^{11} + 2 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 12 \cdot 23^{15} + 18 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 2) = 11 \cdot 23^9 + 12 \cdot 23^{10} + 3 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 1) = 13 \cdot 23^9 + 15 \cdot 23^{10} + 22 \cdot 23^{11} + 14 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 4) = 10 \cdot 23^9 + 5 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 3, 1) = 15 \cdot 23^9 + 5 \cdot 23^{10} + 13 \cdot 23^{11} + 14 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 2) = 22 \cdot 23^9 + 16 \cdot 23^{10} + 21 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 1) = 4 \cdot 23^9 + 20 \cdot 23^{10} + 21 \cdot 23^{11} + 22 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 3) = 14 \cdot 23^9 + 8 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 1) = 10 \cdot 23^9 + 12 \cdot 23^{10} + 4 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 2) = 23^9 + 13 \cdot 23^{10} + 12 \cdot 23^{11} + 19 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1) = 10 \cdot 23^9 + 6 \cdot 23^{10} + 11 \cdot 23^{11} + 21 \cdot 23^{12} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 5) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 13 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 4, 1) = 10 \cdot 23^9 + 14 \cdot 23^{10} + 17 \cdot 23^{11} + 16 \cdot 23^{12} + 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 2) = 18 \cdot 23^9 + 3 \cdot 23^{10} + 7 \cdot 23^{11} + 4 \cdot 23^{12} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 1) = 22 \cdot 23^9 + 20 \cdot 23^{10} + 13 \cdot 23^{11} + 17 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 3) = 4 \cdot 23^9 + 2 \cdot 23^{10} + 5 \cdot 23^{11} + 8 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 1) = 19 \cdot 23^9 + 2 \cdot 23^{10} + 6 \cdot 23^{11} + 2 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 2) = 8 \cdot 23^9 + 23^{10} + 10 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1) = 12 \cdot 23^9 + 17 \cdot 23^{10} + 23^{11} + 12 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 4) = 10 \cdot 23^9 + 5 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 1) = 11 \cdot 23^9 + 6 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 2) = 7 \cdot 23^9 + 16 \cdot 23^{10} + 14 \cdot 23^{11} + 16 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 4 \cdot 23^{16} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 3) = 2 \cdot 23^9 + 21 \cdot 23^{10} + 16 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1) = 8 \cdot 23^9 + 23^{10} + 16 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2) = 10 \cdot 23^9 + 12 \cdot 23^{10} + 6 \cdot 23^{11} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 21 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 23^9 + 4 \cdot 23^{10} + 5 \cdot 23^{11} + 8 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 6) = 16 \cdot 23^{10} + 10 \cdot 23^{11} + 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 5, 1) = 12 \cdot 23^9 + 14 \cdot 23^{10} + 19 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 2) = 23^9 + 10 \cdot 23^{10} + 19 \cdot 23^{11} + 15 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 1) = 23^9 + 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 3) = 23^{10} + 9 \cdot 23^{11} + 3 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 10 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 1) = 17 \cdot 23^9 + 11 \cdot 23^{10} + 4 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 2) = 12 \cdot 23^9 + 15 \cdot 23^{10} + 16 \cdot 23^{11} + 9 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1) = 10 \cdot 23^9 + 6 \cdot 23^{10} + 11 \cdot 23^{11} + 21 \cdot 23^{12} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 4) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 13 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 1) = 19 \cdot 23^9 + 2 \cdot 23^{10} + 6 \cdot 23^{12} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 2) = 5 \cdot 23^9 + 19 \cdot 23^{10} + 14 \cdot 23^{11} + 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1) = 9 \cdot 23^9 + 22 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 3) = 17 \cdot 23^9 + 18 \cdot 23^{10} + 13 \cdot 23^{11} + 3 \cdot 23^{12} + 14 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1) = 12 \cdot 23^9 + 11 \cdot 23^{10} + 6 \cdot 23^{11} + 17 \cdot 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2) = 11 \cdot 23^9 + 4 \cdot 23^{10} + 18 \cdot 23^{11} + 11 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 6 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 23^9 + 12 \cdot 23^{10} + 16 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 5) = 16 \cdot 23^{10} + 10 \cdot 23^{11} + 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 1) = 20 \cdot 23^9 + 5 \cdot 23^{10} + 9 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 2) = 6 \cdot 23^{10} + 3 \cdot 23^{11} + 18 \cdot 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1) = 6 \cdot 23^9 + 19 \cdot 23^{10} + 20 \cdot 23^{11} + 6 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 3) = 16 \cdot 23^9 + 15 \cdot 23^{10} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2) = 14 \cdot 23^9 + 22 \cdot 23^{10} + 19 \cdot 23^{11} + 7 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1) = 3 \cdot 23^9 + 4 \cdot 23^{10} + 5 \cdot 23^{11} + 8 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 4) = 17 \cdot 23^9 + 10 \cdot 23^{10} + 18 \cdot 23^{11} + 22 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1) = 4 \cdot 23^9 + 11 \cdot 23^{10} + 16 \cdot 23^{11} + 13 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2) = 9 \cdot 23^9 + 2 \cdot 23^{10} + 9 \cdot 23^{11} + 13 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 23^9 + 9 \cdot 23^{10} + 20 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3) = 8 \cdot 23^9 + 23^{10} + 16 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 1) = 7 \cdot 23^9 + 20 \cdot 23^{10} + 13 \cdot 23^{11} + 17 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 23^9 + 6 \cdot 23^{10} + 21 \cdot 23^{11} + 17 \cdot 23^{12} + 15 \cdot 23^{13} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20})
 \end{aligned}$$

## 9.11. weight 10 case.

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{23}(10) = O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{23}(9, 1) = 20 \cdot 23^{10} + 18 \cdot 23^{11} + 9 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{23}(8, 2) = 3 \cdot 23^{10} + 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{23}(8, 1, 1) = 12 \cdot 23^{10} + 19 \cdot 23^{11} + 11 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{23}(7, 3) = 13 \cdot 23^{10} + 17 \cdot 23^{11} + 16 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{23}(7, 2, 1) = 16 \cdot 23^{10} + 5 \cdot 23^{11} + 18 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 21 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{23}(7, 1, 2) = 14 \cdot 23^{10} + 21 \cdot 23^{11} + 20 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{23}(7, 1, 1, 1) = 13 \cdot 23^{10} + 20 \cdot 23^{11} + 15 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{23}(6, 4) = 10 \cdot 23^{10} + 14 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{23}(6, 3, 1) = 5 \cdot 23^{10} + 15 \cdot 23^{11} + 19 \cdot 23^{12} + 3 \cdot 23^{13} + 10 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{18} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{23}(6, 2, 2) = 15 \cdot 23^{10} + 14 \cdot 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{23}(6, 2, 1, 1) = 4 \cdot 23^{10} + 19 \cdot 23^{11} + 18 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{23}(6, 1, 3) = 22 \cdot 23^{10} + 3 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{23}(6, 1, 2, 1) = 16 \cdot 23^{11} + 6 \cdot 23^{12} + 3 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{23}(6, 1, 1, 2) = 15 \cdot 23^{10} + 15 \cdot 23^{11} + 7 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 8 \cdot 23^{18} + 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{23}(6, 1, 1, 1, 1) = 6 \cdot 23^{10} + 21 \cdot 23^{11} + 22 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{23}(5, 5) = 3 \cdot 23^{10} + 13 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{23}(5, 4, 1) = 16 \cdot 23^{10} + 20 \cdot 23^{11} + 6 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{23}(5, 3, 2) = 19 \cdot 23^{10} + 4 \cdot 23^{11} + 5 \cdot 23^{12} + 2 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{23}(5, 3, 1, 1) = 8 \cdot 23^{10} + 4 \cdot 23^{11} + 4 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 22 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{23}(5, 2, 3) = 17 \cdot 23^{10} + 22 \cdot 23^{11} + 17 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{23}(5, 2, 2, 1) = 5 \cdot 23^{10} + 9 \cdot 23^{11} + 2 \cdot 23^{12} + 7 \cdot 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{23}(5, 2, 1, 2) = 11 \cdot 23^{10} + 18 \cdot 23^{11} + 17 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{23}(5, 2, 1, 1, 1) = 2 \cdot 23^{10} + 15 \cdot 23^{11} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 22 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{23}(5, 1, 4) = 16 \cdot 23^{10} + 6 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 5 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{23}(5, 1, 3, 1) = 9 \cdot 23^{10} + 13 \cdot 23^{11} + 7 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{23}(5, 1, 2, 2) = 13 \cdot 23^{10} + 9 \cdot 23^{11} + 21 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 3 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{23}(5, 1, 2, 1, 1) = 8 \cdot 23^{10} + 12 \cdot 23^{11} + 22 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 5 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{23}(5, 1, 1, 3) = 14 \cdot 23^{10} + 4 \cdot 23^{11} + 19 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{23}(5, 1, 1, 2, 1) = 7 \cdot 23^{10} + 6 \cdot 23^{11} + 9 \cdot 23^{12} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 7 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{23}(5, 1, 1, 1, 2) = 16 \cdot 23^{10} + 16 \cdot 23^{11} + 3 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 17 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})$$

$$\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{23}(5, 1, 1, 1, 1, 1) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20})$$

$$\begin{aligned}
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 6) = 13 \cdot 23^{10} + 8 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 5, 1) = 14 \cdot 23^{10} + 15 \cdot 23^{11} + 17 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 4, 2) = 21 \cdot 23^{10} + 6 \cdot 23^{11} + 12 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 4, 1, 1) = 13 \cdot 23^{10} + 8 \cdot 23^{11} + 18 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 3, 3) = 11 \cdot 23^{10} + 6 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 3, 2, 1) = 22 \cdot 23^{10} + 7 \cdot 23^{11} + 2 \cdot 23^{12} + 7 \cdot 23^{13} + 9 \cdot 23^{14} + 22 \cdot 23^{15} + 5 \cdot 23^{16} + 6 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 3, 1, 2) = 2 \cdot 23^{10} + 17 \cdot 23^{11} + 10 \cdot 23^{12} + 7 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 3, 1, 1, 1) = 19 \cdot 23^{10} + 21 \cdot 23^{11} + 17 \cdot 23^{12} + 15 \cdot 23^{13} + 20 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 2, 4) = 11 \cdot 23^{10} + 22 \cdot 23^{11} + 11 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 2, 3, 1) = 2 \cdot 23^{10} + 14 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 2, 2, 2) = 5 \cdot 23^{10} + 10 \cdot 23^{11} + 9 \cdot 23^{12} + 16 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 2, 2, 1, 1) = 7 \cdot 23^{10} + 8 \cdot 23^{11} + 17 \cdot 23^{12} + 20 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 2, 1, 3) = 19 \cdot 23^{10} + 21 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 2, 1, 2, 1) = 2 \cdot 23^{10} + 14 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 8 \cdot 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 2, 1, 1, 2) = 3 \cdot 23^{10} + 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 2, 1, 1, 1, 1) = 13 \cdot 23^{10} + 9 \cdot 23^{11} + 17 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 5) = 11 \cdot 23^{10} + 18 \cdot 23^{11} + 22 \cdot 23^{12} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 4, 1) = 10 \cdot 23^{10} + 12 \cdot 23^{11} + 13 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 8 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 3, 2) = 3 \cdot 23^{10} + 10 \cdot 23^{11} + 5 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 3, 1, 1) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 3 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 2, 3) = 18 \cdot 23^{10} + 20 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 2, 2, 1) = 12 \cdot 23^{10} + 3 \cdot 23^{11} + 12 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 2, 1, 2) = 4 \cdot 23^{10} + 22 \cdot 23^{11} + 2 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 2, 1, 1, 1) = 12 \cdot 23^{10} + 16 \cdot 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 4) = 19 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 21 \cdot 23^{13} + 14 \cdot 23^{14} + 8 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 3, 1) = 18 \cdot 23^{10} + 16 \cdot 23^{11} + 19 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 2, 2) = 21 \cdot 23^{11} + 10 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 2, 1, 1) = 16 \cdot 23^{10} + 4 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 3) = 7 \cdot 23^{10} + 10 \cdot 23^{11} + 5 \cdot 23^{12} + 9 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 2, 1) = 11 \cdot 23^{10} + 22 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 2) = 15 \cdot 23^{10} + 15 \cdot 23^{11} + 7 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 8 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 1) = 2 \cdot 23^{10} + 14 \cdot 23^{11} + 22 \cdot 23^{12} + 7 \cdot 23^{13} + 20 \cdot 23^{14} + 22 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 7) = 4 \cdot 23^{10} + 11 \cdot 23^{11} + 10 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 6, 1) = 13 \cdot 23^{10} + 16 \cdot 23^{11} + 16 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 5 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 5, 2) = 13 \cdot 23^{10} + 15 \cdot 23^{11} + 5 \cdot 23^{12} + 7 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 5, 1, 1) = 6 \cdot 23^{10} + 17 \cdot 23^{11} + 4 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 4, 3) = 14 \cdot 23^{10} + 7 \cdot 23^{11} + 8 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 4, 2, 1) = 8 \cdot 23^{10} + 17 \cdot 23^{11} + 2 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 4, 1, 2) = 6 \cdot 23^{10} + 3 \cdot 23^{11} + 9 \cdot 23^{12} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 4, 1, 1, 1) = 8 \cdot 23^{10} + 8 \cdot 23^{11} + 13 \cdot 23^{12} + 12 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 3, 4) = 4 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 21 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 3, 3, 1) = 7 \cdot 23^{10} + 22 \cdot 23^{11} + 10 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 3, 2, 2) = 3 \cdot 23^{10} + 20 \cdot 23^{11} + 6 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 15 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 3, 2, 1, 1) = 15 \cdot 23^{10} + 15 \cdot 23^{11} + 14 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 7 \cdot 23^{15} + 23^{16} + 6 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 3, 1, 3) = 23^{10} + 5 \cdot 23^{11} + 14 \cdot 23^{12} + 5 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 3, 1, 2, 1) = 17 \cdot 23^{10} + 9 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 3, 1, 1, 2) = 4 \cdot 23^{10} + 22 \cdot 23^{11} + 2 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 3, 1, 1, 1, 1) = 2 \cdot 23^{10} + 10 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 9 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 5) = 11 \cdot 23^{10} + 16 \cdot 23^{11} + 20 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 4, 1) = 6 \cdot 23^{10} + 19 \cdot 23^{11} + 18 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 3, 2) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 20 \cdot 23^{12} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 3, 1, 1) = 9 \cdot 23^{10} + 13 \cdot 23^{11} + 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 2, 3) = 9 \cdot 23^{10} + 3 \cdot 23^{11} + 17 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 2, 2, 1) = 11 \cdot 23^{10} + 11 \cdot 23^{11} + 7 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 2, 1, 2) = 6 \cdot 23^{10} + 17 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 4 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 2, 1, 1, 1) = 12 \cdot 23^{10} + 8 \cdot 23^{11} + 20 \cdot 23^{12} + 8 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 4) = 16 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 16 \cdot 23^{13} + 5 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 3, 1) = 12 \cdot 23^{10} + 12 \cdot 23^{11} + 23^{12} + 23^{13} + 7 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 2, 2) = 4 \cdot 23^{10} + 22 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 2, 1, 1) = 14 \cdot 23^{10} + 13 \cdot 23^{11} + 9 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 3) = 20 \cdot 23^{10} + 6 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 3 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 1, 1, 2, 1) = 23^{10} + 18 \cdot 23^{11} + 16 \cdot 23^{12} + 3 \cdot 23^{13} + 4 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 2) = 11 \cdot 23^{10} + 18 \cdot 23^{11} + 17 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 1) = 23^{10} + 12 \cdot 23^{11} + 4 \cdot 23^{12} + 19 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 6) = 4 \cdot 23^{10} + 7 \cdot 23^{11} + 12 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 5, 1) = 13 \cdot 23^{10} + 6 \cdot 23^{11} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 4, 2) = 3 \cdot 23^{10} + 8 \cdot 23^{11} + 5 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 4, 1, 1) = 4 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 3, 3) = 20 \cdot 23^{10} + 7 \cdot 23^{11} + 17 \cdot 23^{12} + 4 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 3, 2, 1) = 7 \cdot 23^{10} + 7 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 23^{17} + 6 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 3, 1, 2) = 3 \cdot 23^{10} + 20 \cdot 23^{11} + 20 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 3, 1, 1, 1) = 4 \cdot 23^{10} + 17 \cdot 23^{11} + 4 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 4) = 4 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 3, 1) = 2 \cdot 23^{10} + 4 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 2, 2) = 16 \cdot 23^{10} + 13 \cdot 23^{11} + 18 \cdot 23^{12} + 15 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 2, 1, 1) = 2 \cdot 23^{10} + 13 \cdot 23^{11} + 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 3) = 6 \cdot 23^{10} + 18 \cdot 23^{11} + 7 \cdot 23^{12} + 21 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 1, 2, 1) = 17 \cdot 23^{10} + 20 \cdot 23^{12} + 3 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 2) = 2 \cdot 23^{10} + 17 \cdot 23^{11} + 10 \cdot 23^{12} + 7 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 1) = 20 \cdot 23^{10} + 22 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 22 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 5) = 10 \cdot 23^{10} + 7 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 4, 1) = 12 \cdot 23^{10} + 21 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 3, 2) = 18 \cdot 23^{10} + 9 \cdot 23^{11} + 8 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 3, 1, 1) = 18 \cdot 23^{10} + 18 \cdot 23^{11} + 6 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 22 \cdot 23^{15} + 12 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 3) = 12 \cdot 23^{10} + 15 \cdot 23^{11} + 7 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 2, 1) = 10 \cdot 23^{10} + 5 \cdot 23^{11} + 13 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 2) = 6 \cdot 23^{10} + 3 \cdot 23^{11} + 9 \cdot 23^{12} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 1) = 9 \cdot 23^{10} + 18 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 20 \cdot 23^{14} + 21 \cdot 23^{15} + 5 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 4) = 7 \cdot 23^{10} + 12 \cdot 23^{11} + 21 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 3, 1) = 19 \cdot 23^{10} + 14 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 22 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 2) = 6 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 1) = 8 \cdot 23^{10} + 6 \cdot 23^{11} + 4 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 3) = 11 \cdot 23^{10} + 4 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 3 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 1) = 18 \cdot 23^{10} + 8 \cdot 23^{11} + 3 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 20 \cdot 23^{16} + 4 \cdot 23^{17} + 3 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 2) = 14 \cdot 23^{10} + 21 \cdot 23^{11} + 20 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 1) = 21 \cdot 23^{10} + 8 \cdot 23^{11} + 5 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 8) = 20 \cdot 23^{10} + 21 \cdot 23^{11} + 14 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 7, 1) = 6 \cdot 23^{10} + 5 \cdot 23^{11} + 3 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 6, 2) = 3 \cdot 23^{10} + 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 6, 1, 1) = 11 \cdot 23^{10} + 2 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 5, 3) = 17 \cdot 23^{10} + 10 \cdot 23^{11} + 6 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 5, 2, 1) = 22 \cdot 23^{10} + 5 \cdot 23^{11} + 3 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 5, 1, 2) = 6 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 5, 1, 1, 1) = 15 \cdot 23^{10} + 21 \cdot 23^{11} + 8 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 4, 4) = 14 \cdot 23^{10} + 16 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 4, 3, 1) = 13 \cdot 23^{10} + 12 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 4, 2, 2) = 7 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 14 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 4, 2, 1, 1) = 12 \cdot 23^{10} + 8 \cdot 23^{11} + 3 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 4, 1, 3) = 8 \cdot 23^{10} + 11 \cdot 23^{11} + 9 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 13 \cdot 23^{15} + 16 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 4, 1, 2, 1) = 12 \cdot 23^{10} + 11 \cdot 23^{11} + 14 \cdot 23^{12} + 6 \cdot 23^{13} + 11 \cdot 23^{14} + 19 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 4, 1, 1, 2) = 21 \cdot 23^{11} + 10 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 4, 1, 1, 1, 1) = 21 \cdot 23^{10} + 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 5) = 15 \cdot 23^{10} + 12 \cdot 23^{11} + 3 \cdot 23^{12} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 4, 1) = 6 \cdot 23^{10} + 7 \cdot 23^{11} + 6 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 3, 2) = 15 \cdot 23^{10} + 15 \cdot 23^{11} + 19 \cdot 23^{12} + 17 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 3, 1, 1) = 2 \cdot 23^{10} + 5 \cdot 23^{11} + 22 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 2, 3) = 20 \cdot 23^{10} + 8 \cdot 23^{11} + 13 \cdot 23^{12} + 7 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 2, 2, 1) = 2 \cdot 23^{10} + 14 \cdot 23^{11} + 14 \cdot 23^{12} + 22 \cdot 23^{13} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 2, 1, 2) = 4 \cdot 23^{10} + 22 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 2, 1, 1, 1) = 14 \cdot 23^{10} + 14 \cdot 23^{11} + 7 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 4) = 22 \cdot 23^{10} + 15 \cdot 23^{11} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 3, 1) = 19 \cdot 23^{10} + 20 \cdot 23^{11} + 2 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 2, 2) = 17 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 2, 1, 1) = 20 \cdot 23^{10} + 7 \cdot 23^{11} + 8 \cdot 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{15} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 3) = 14 \cdot 23^{10} + 16 \cdot 23^{11} + 21 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 2, 1) = 16 \cdot 23^{10} + 21 \cdot 23^{11} + 14 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 2) = 13 \cdot 23^{10} + 9 \cdot 23^{11} + 21 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 3 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 1) = 2 \cdot 23^{10} + 22 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 6) = 5 \cdot 23^{10} + 7 \cdot 23^{11} + 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 5, 1) = 2 \cdot 23^{10} + 2 \cdot 23^{11} + 11 \cdot 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 4, 2) = 20 \cdot 23^{10} + 4 \cdot 23^{11} + 5 \cdot 23^{12} + 10 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 4, 1, 1) = 8 \cdot 23^{11} + 8 \cdot 23^{12} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 3, 3) = 7 \cdot 23^{10} + 10 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 3, 2, 1) = 7 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 3, 1, 2) = 16 \cdot 23^{10} + 13 \cdot 23^{11} + 18 \cdot 23^{12} + 15 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 3, 1, 1, 1) = 3 \cdot 23^{10} + 22 \cdot 23^{11} + 5 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 4) = 14 \cdot 23^{10} + 13 \cdot 23^{11} + 9 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 3, 1) = 15 \cdot 23^{10} + 19 \cdot 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 2, 2) = O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 2, 1, 1) = 11 \cdot 23^{10} + 6 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 9 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 3) = 3 \cdot 23^{10} + 10 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 2, 1) = 6 \cdot 23^{10} + 23^{11} + 21 \cdot 23^{12} + 14 \cdot 23^{13} + 2 \cdot 23^{14} + 2 \cdot 23^{15} + 22 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 2) = 5 \cdot 23^{10} + 10 \cdot 23^{11} + 9 \cdot 23^{12} + 16 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 1) = 3 \cdot 23^{10} + 20 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 7 \cdot 23^{14} + 22 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 5) = 2 \cdot 23^{10} + 17 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 4, 1) = 6 \cdot 23^{10} + 9 \cdot 23^{11} + 20 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 3, 2) = 16 \cdot 23^{10} + 22 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 3, 1, 1) = 8 \cdot 23^{10} + 13 \cdot 23^{11} + 20 \cdot 23^{12} + 8 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 3) = 8 \cdot 23^{10} + 22 \cdot 23^{11} + 17 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 2, 1) = 18 \cdot 23^{10} + 19 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 2) = 3 \cdot 23^{10} + 20 \cdot 23^{11} + 6 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 15 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 1) = 13 \cdot 23^{10} + 12 \cdot 23^{11} + 15 \cdot 23^{12} + 12 \cdot 23^{15} + 8 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 4) = 2 \cdot 23^{10} + 17 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 3, 1) = 4 \cdot 23^{10} + 7 \cdot 23^{11} + 22 \cdot 23^{12} + 3 \cdot 23^{13} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 2) = 7 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 14 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 1) = 3 \cdot 23^{10} + 20 \cdot 23^{11} + 21 \cdot 23^{12} + 16 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 17 \cdot 23^{16} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 3) = 12 \cdot 23^{10} + 12 \cdot 23^{11} + 9 \cdot 23^{12} + 4 \cdot 23^{13} + 4 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 1) = 14 \cdot 23^{10} + 9 \cdot 23^{11} + 3 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 19 \cdot 23^{15} + 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 2) = 15 \cdot 23^{10} + 14 \cdot 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 1) = 22 \cdot 23^{10} + 2 \cdot 23^{11} + 2 \cdot 23^{12} + 21 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 7) = 19 \cdot 23^{10} + 5 \cdot 23^{11} + 14 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 6, 1) = 4 \cdot 23^{10} + 2 \cdot 23^{11} + 11 \cdot 23^{12} + 10 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 5, 2) = 21 \cdot 23^{10} + 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 5, 1, 1) = 20 \cdot 23^{10} + 14 \cdot 23^{11} + 14 \cdot 23^{12} + 23^{13} + 5 \cdot 23^{14} + 4 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 4 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 4, 3) = 18 \cdot 23^{10} + 5 \cdot 23^{11} + 7 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 4, 2, 1) = 8 \cdot 23^{10} + 19 \cdot 23^{11} + 22 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 4, 1, 2) = 18 \cdot 23^{10} + 9 \cdot 23^{11} + 8 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 4, 1, 1, 1) = 3 \cdot 23^{10} + 19 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 4) = 12 \cdot 23^{10} + 7 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 3, 1) = 10 \cdot 23^{10} + 13 \cdot 23^{11} + 15 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 2, 2) = 16 \cdot 23^{10} + 22 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 2, 1, 1) = 7 \cdot 23^{10} + 16 \cdot 23^{11} + 15 \cdot 23^{12} + 15 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 3) = 8 \cdot 23^{10} + 12 \cdot 23^{11} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 2, 1) = 22 \cdot 23^{10} + 14 \cdot 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 2) = 3 \cdot 23^{10} + 10 \cdot 23^{11} + 5 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 1) = 20 \cdot 23^{10} + 18 \cdot 23^{11} + 4 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 5) = 22 \cdot 23^{10} + 6 \cdot 23^{11} + 5 \cdot 23^{12} + 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 4, 1) = 16 \cdot 23^{10} + 16 \cdot 23^{11} + 4 \cdot 23^{12} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 12 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
&\quad \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_{23}(2, 1, 2, 3, 2) = O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 3, 1, 1) = 4 \cdot 23^{10} + 4 \cdot 23^{11} + 14 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 3) = 22 \cdot 23^{10} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 2, 1) = 10 \cdot 23^{10} + 12 \cdot 23^{11} + 16 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 2) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 20 \cdot 23^{12} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 1) = 5 \cdot 23^{10} + 23^{11} + 3 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 4) = 6 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 4 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 3, 1) = 22 \cdot 23^{10} + 16 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 2) = 15 \cdot 23^{10} + 15 \cdot 23^{11} + 19 \cdot 23^{12} + 17 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 1) = 14 \cdot 23^{10} + 7 \cdot 23^{11} + 22 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 3) = 14 \cdot 23^{10} + 21 \cdot 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 1) = 5 \cdot 23^{11} + 22 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 2) = 19 \cdot 23^{10} + 4 \cdot 23^{11} + 5 \cdot 23^{12} + 2 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 1) = 14 \cdot 23^{10} + 3 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{15} + 19 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 6) = 13 \cdot 23^{10} + 14 \cdot 23^{11} + 12 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 5, 1) = 6 \cdot 23^{10} + 16 \cdot 23^{11} + 14 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 4, 2) = 22 \cdot 23^{10} + 6 \cdot 23^{11} + 10 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 4, 1, 1) = 13 \cdot 23^{10} + 14 \cdot 23^{11} + 6 \cdot 23^{12} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 9 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 3) = 6 \cdot 23^{10} + 16 \cdot 23^{11} + 10 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 2, 1) = 15 \cdot 23^{10} + 3 \cdot 23^{11} + 15 \cdot 23^{12} + 16 \cdot 23^{14} + 8 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 2) = 3 \cdot 23^{10} + 8 \cdot 23^{11} + 5 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 1) = 15 \cdot 23^{10} + 15 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{13} + 3 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 4) = 17 \cdot 23^{10} + 4 \cdot 23^{11} + 11 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 3, 1) = 8 \cdot 23^{10} + 11 \cdot 23^{11} + 17 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 2) = 20 \cdot 23^{10} + 4 \cdot 23^{11} + 5 \cdot 23^{12} + 10 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 1) = 17 \cdot 23^{10} + 18 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 10 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 3) = 4 \cdot 23^{10} + 10 \cdot 23^{11} + 2 \cdot 23^{12} + 18 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 1) = 18 \cdot 23^{10} + 16 \cdot 23^{11} + 15 \cdot 23^{12} + 2 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 2) = 21 \cdot 23^{10} + 6 \cdot 23^{11} + 12 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 23^{10} + 2 \cdot 23^{11} + 18 \cdot 23^{12} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 5) = 7 \cdot 23^{10} + 17 \cdot 23^{11} + 17 \cdot 23^{12} + 15 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 4, 1) = 17 \cdot 23^{10} + 2 \cdot 23^{11} + 5 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 2) = 21 \cdot 23^{10} + 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 1) = 2 \cdot 23^{10} + 5 \cdot 23^{11} + 19 \cdot 23^{12} + 10 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 3) = 10 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 1) = 17 \cdot 23^{10} + 10 \cdot 23^{11} + 13 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 12 \cdot 23^{16} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 2) = 13 \cdot 23^{10} + 15 \cdot 23^{11} + 5 \cdot 23^{12} + 7 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 23^{10} + 15 \cdot 23^{11} + 18 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 4) = 17 \cdot 23^{10} + 21 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 1) = 5 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 2) = 3 \cdot 23^{10} + 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 1) = 19 \cdot 23^{10} + 23^{11} + 21 \cdot 23^{12} + 8 \cdot 23^{14} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 3) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 2, 1) = 22 \cdot 23^{10} + 2 \cdot 23^{11} + 2 \cdot 23^{12} + 21 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 23^{10} + 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 9) = 3 \cdot 23^{10} + 4 \cdot 23^{11} + 13 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 8, 1) = 22 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 7, 2) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 7, 1, 1) = 17 \cdot 23^{10} + 12 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 6, 3) = 19 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 6, 2, 1) = 2 \cdot 23^{10} + 2 \cdot 23^{11} + 15 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 7 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 10 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 6, 1, 2) = 11 \cdot 23^{10} + 4 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 3 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 6, 1, 1, 1) = 12 \cdot 23^{10} + 4 \cdot 23^{11} + 14 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 5, 4) = 23^{10} + 20 \cdot 23^{11} + 5 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 5, 3, 1) = 4 \cdot 23^{10} + 6 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 5, 2, 2) = 12 \cdot 23^{10} + 12 \cdot 23^{11} + 9 \cdot 23^{12} + 4 \cdot 23^{13} + 4 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 5, 2, 1, 1) = 18 \cdot 23^{10} + 17 \cdot 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 5, 1, 3) = 19 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{17} + 5 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 5, 1, 2, 1) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 13 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 6 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 5, 1, 1, 2) = 7 \cdot 23^{10} + 10 \cdot 23^{11} + 5 \cdot 23^{12} + 9 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 5, 1, 1, 1, 1) = 21 \cdot 23^{10} + 18 \cdot 23^{11} + 13 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 5) = 5 \cdot 23^{10} + 13 \cdot 23^{11} + 21 \cdot 23^{12} + 4 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 4, 1) = 5 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 3, 2) = 14 \cdot 23^{10} + 21 \cdot 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 3, 1, 1) = 20 \cdot 23^{10} + 2 \cdot 23^{11} + 6 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 2, 3) = 14 \cdot 23^{10} + 21 \cdot 23^{11} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 2, 2, 1) = 7 \cdot 23^{10} + 7 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 5 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 2, 1, 2) = 20 \cdot 23^{10} + 6 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 3 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 2, 1, 1, 1) = 18 \cdot 23^{10} + 21 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 12 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 4) = 6 \cdot 23^{10} + 20 \cdot 23^{11} + 12 \cdot 23^{12} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 17 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 3, 1) = 9 \cdot 23^{10} + 5 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 2, 2) = 14 \cdot 23^{10} + 16 \cdot 23^{11} + 21 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 2, 1, 1) = 10 \cdot 23^{10} + 3 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 3) = 6 \cdot 23^{10} + 6 \cdot 23^{11} + 6 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 2, 1) = 11 \cdot 23^{10} + 22 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 2) = 14 \cdot 23^{10} + 4 \cdot 23^{11} + 19 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 1) = 4 \cdot 23^{10} + 21 \cdot 23^{11} + 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 6) = 12 \cdot 23^{10} + 2 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 5, 1) = 4 \cdot 23^{10} + 3 \cdot 23^{11} + 19 \cdot 23^{12} + 6 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 4, 2) = 4 \cdot 23^{10} + 10 \cdot 23^{11} + 2 \cdot 23^{12} + 18 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 4, 1, 1) = 18 \cdot 23^{10} + 15 \cdot 23^{11} + 20 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 3, 3) = 12 \cdot 23^{10} + 16 \cdot 23^{11} + 7 \cdot 23^{12} + 3 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 3, 2, 1) = 21 \cdot 23^{10} + 21 \cdot 23^{11} + 17 \cdot 23^{12} + 9 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 3, 1, 2) = 6 \cdot 23^{10} + 18 \cdot 23^{11} + 7 \cdot 23^{12} + 21 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 3, 1, 1, 1) = 19 \cdot 23^{10} + 4 \cdot 23^{11} + 7 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 4) = 17 \cdot 23^{10} + 19 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 3, 1) = 10 \cdot 23^{10} + 21 \cdot 23^{12} + 9 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 2, 2) = 3 \cdot 23^{10} + 10 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 2, 1, 1) = 18 \cdot 23^{10} + 14 \cdot 23^{11} + 7 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 3) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 7 \cdot 23^{12} + 2 \cdot 23^{13} + 10 \cdot 23^{14} + 12 \cdot 23^{15} + 18 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 2, 1) = 22 \cdot 23^{10} + 3 \cdot 23^{11} + 15 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 22 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 2) = 19 \cdot 23^{10} + 21 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 1) = 22 \cdot 23^{10} + 5 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 5) = 10 \cdot 23^{10} + 5 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 10 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 4, 1) = 5 \cdot 23^{10} + 4 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 5 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 3, 2) = 8 \cdot 23^{10} + 12 \cdot 23^{11} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 3, 1, 1) = 8 \cdot 23^{10} + 13 \cdot 23^{11} + 17 \cdot 23^{12} + 12 \cdot 23^{13} + 17 \cdot 23^{15} + 15 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 3) = 9 \cdot 23^{10} + 7 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 2, 1) = 3 \cdot 23^{10} + 14 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 2) = 23^{10} + 5 \cdot 23^{11} + 14 \cdot 23^{12} + 5 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 1) = 9 \cdot 23^{10} + 12 \cdot 23^{11} + 10 \cdot 23^{12} + 22 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 4) = 10 \cdot 23^{10} + 12 \cdot 23^{11} + 18 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 3, 1) = 6 \cdot 23^{10} + 14 \cdot 23^{11} + 6 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 2) = 8 \cdot 23^{10} + 11 \cdot 23^{11} + 9 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 13 \cdot 23^{15} + 16 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 1) = 15 \cdot 23^{10} + 18 \cdot 23^{11} + 3 \cdot 23^{12} + 11 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 3) = 19 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{17} + 5 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 1) = 9 \cdot 23^{10} + 23^{11} + 20 \cdot 23^{12} + 21 \cdot 23^{13} + 10 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 2) = 22 \cdot 23^{10} + 3 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 1) = 19 \cdot 23^{10} + 23^{11} + 3 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 7) = 20 \cdot 23^{10} + 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 6, 1) = 21 \cdot 23^{10} + 15 \cdot 23^{11} + 16 \cdot 23^{12} + 6 \cdot 23^{13} + 17 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 5, 2) = 10 \cdot 23^{10} + 17 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 5, 1, 1) = 8 \cdot 23^{10} + 22 \cdot 23^{11} + 18 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 4, 3) = 8 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{14} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 4, 2, 1) = 21 \cdot 23^{10} + 13 \cdot 23^{11} + 21 \cdot 23^{12} + 5 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 4, 1, 2) = 12 \cdot 23^{10} + 15 \cdot 23^{11} + 7 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 4, 1, 1, 1) = 4 \cdot 23^{10} + 16 \cdot 23^{11} + 20 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 4) = 19 \cdot 23^{10} + 22 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 3, 1) = 18 \cdot 23^{10} + 12 \cdot 23^{11} + 16 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 2, 2) = 8 \cdot 23^{10} + 22 \cdot 23^{11} + 17 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 2, 1, 1) = 4 \cdot 23^{10} + 8 \cdot 23^{11} + 2 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 3) = 9 \cdot 23^{10} + 7 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 2, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 8 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 2) = 18 \cdot 23^{10} + 20 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 1) = 8 \cdot 23^{10} + 19 \cdot 23^{11} + 16 \cdot 23^{12} + 19 \cdot 23^{13} + 14 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 17 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 5) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 11 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 4, 1) = 13 \cdot 23^{10} + 16 \cdot 23^{11} + 8 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 3, 2) = 22 \cdot 23^{10} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 3, 1, 1) = 23^{10} + 15 \cdot 23^{11} + 5 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 3) = 17 \cdot 23^{10} + 2 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 2, 1) = 23^{10} + 6 \cdot 23^{11} + 22 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 2) = 9 \cdot 23^{10} + 3 \cdot 23^{11} + 17 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 1) = 22 \cdot 23^{10} + 14 \cdot 23^{11} + 7 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 4) = 22 \cdot 23^{10} + 16 \cdot 23^{11} + 7 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 3, 1) = 23^{10} + 18 \cdot 23^{11} + 3 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 2) = 20 \cdot 23^{10} + 8 \cdot 23^{11} + 13 \cdot 23^{12} + 7 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 1) = 8 \cdot 23^{10} + 12 \cdot 23^{11} + 13 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 3) = 14 \cdot 23^{10} + 21 \cdot 23^{11} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 1) = 15 \cdot 23^{10} + 23^{11} + 18 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 2) = 17 \cdot 23^{10} + 22 \cdot 23^{11} + 17 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 1) = 12 \cdot 23^{10} + 13 \cdot 23^{11} + 13 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 5 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 6) = 11 \cdot 23^{10} + 17 \cdot 23^{11} + 4 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 5, 1) = 5 \cdot 23^{11} + 22 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 4, 2) = 6 \cdot 23^{10} + 16 \cdot 23^{11} + 10 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 4, 1, 1) = 5 \cdot 23^{10} + 8 \cdot 23^{11} + 13 \cdot 23^{12} + 5 \cdot 23^{13} + 17 \cdot 23^{14} + 16 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 3) = 5 \cdot 23^{10} + 2 \cdot 23^{11} + 19 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 2, 1) = 23^{10} + 3 \cdot 23^{11} + 6 \cdot 23^{12} + 6 \cdot 23^{13} + 19 \cdot 23^{14} + 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 2) = 20 \cdot 23^{10} + 7 \cdot 23^{11} + 17 \cdot 23^{12} + 4 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 1) = 4 \cdot 23^{10} + 7 \cdot 23^{11} + 4 \cdot 23^{12} + 6 \cdot 23^{13} + 17 \cdot 23^{15} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 4) = 7 \cdot 23^{10} + 19 \cdot 23^{11} + 19 \cdot 23^{12} + 21 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 3, 1) = 3 \cdot 23^{10} + 13 \cdot 23^{11} + 5 \cdot 23^{12} + 9 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 2) = 7 \cdot 23^{10} + 10 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 1) = 22 \cdot 23^{10} + 15 \cdot 23^{12} + 20 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 13 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 3) = 12 \cdot 23^{10} + 16 \cdot 23^{11} + 7 \cdot 23^{12} + 3 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 1) = 5 \cdot 23^{10} + 17 \cdot 23^{11} + 12 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 11 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 2) = 11 \cdot 23^{10} + 6 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 1) = 18 \cdot 23^{10} + 6 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 5) = 18 \cdot 23^{10} + 10 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 14 \cdot 23^{15} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 4, 1) = 22 \cdot 23^{10} + 6 \cdot 23^{11} + 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 2) = 18 \cdot 23^{10} + 5 \cdot 23^{11} + 7 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 1) = 11 \cdot 23^{10} + 14 \cdot 23^{12} + 20 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 3) = 8 \cdot 23^{10} + 4 \cdot 23^{11} + 22 \cdot 23^{14} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 1) = 7 \cdot 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 2) = 14 \cdot 23^{10} + 7 \cdot 23^{11} + 8 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 1) = 20 \cdot 23^{10} + 10 \cdot 23^{11} + 18 \cdot 23^{12} + 16 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 4) = 14 \cdot 23^{10} + 20 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 1) = 23^{11} + 9 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 2) = 17 \cdot 23^{10} + 10 \cdot 23^{11} + 6 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 1) = 18 \cdot 23^{10} + 6 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 3) = 19 \cdot 23^{10} + 17 \cdot 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 1) = 7 \cdot 23^{10} + 12 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 2) = 13 \cdot 23^{10} + 17 \cdot 23^{11} + 16 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 8) = 12 \cdot 23^{10} + 16 \cdot 23^{11} + 6 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 7, 1) = 15 \cdot 23^{10} + 14 \cdot 23^{11} + 4 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 6, 2) = 17 \cdot 23^{10} + 21 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 6, 1, 1) = 5 \cdot 23^{10} + 14 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{13} + 11 \cdot 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 5, 3) = 14 \cdot 23^{10} + 20 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 5, 2, 1) = 2 \cdot 23^{10} + 10 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 2 \cdot 23^{16} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 5, 1, 2) = 7 \cdot 23^{10} + 12 \cdot 23^{11} + 21 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 5, 1, 1, 1) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 4) = 19 \cdot 23^{10} + 12 \cdot 23^{11} + 12 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 7 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 3, 1) = 15 \cdot 23^{10} + 10 \cdot 23^{11} + 17 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 2, 2) = 2 \cdot 23^{10} + 17 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 2, 1, 1) = 14 \cdot 23^{10} + 6 \cdot 23^{11} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 3) = 10 \cdot 23^{10} + 12 \cdot 23^{11} + 18 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 2, 1) = 21 \cdot 23^{10} + 7 \cdot 23^{11} + 7 \cdot 23^{12} + 13 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 2) = 19 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 21 \cdot 23^{13} + 14 \cdot 23^{14} + 8 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 1) = 14 \cdot 23^{10} + 17 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 5) = 16 \cdot 23^{11} + 16 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 4, 1) = 16 \cdot 23^{10} + 19 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 3, 2) = 6 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 4 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 3, 1, 1) = 7 \cdot 23^{11} + 7 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 18 \cdot 23^{15} + 19 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 3) = 22 \cdot 23^{10} + 16 \cdot 23^{11} + 7 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 2, 1) = 17 \cdot 23^{10} + 6 \cdot 23^{11} + 10 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 2) = 16 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 16 \cdot 23^{13} + 5 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 1) = 11 \cdot 23^{10} + 9 \cdot 23^{11} + 15 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 4) = 6 \cdot 23^{10} + 12 \cdot 23^{11} + 7 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 3, 1) = 18 \cdot 23^{10} + 19 \cdot 23^{11} + 19 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 2) = 22 \cdot 23^{10} + 15 \cdot 23^{11} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 1) = 4 \cdot 23^{10} + 3 \cdot 23^{11} + 4 \cdot 23^{12} + 22 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 3) = 6 \cdot 23^{10} + 20 \cdot 23^{11} + 12 \cdot 23^{12} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 17 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 1) = 19 \cdot 23^{10} + 15 \cdot 23^{11} + 10 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 2) = 16 \cdot 23^{10} + 6 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 1) = 4 \cdot 23^{10} + 7 \cdot 23^{11} + 12 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 6) = 12 \cdot 23^{11} + 7 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 5, 1) = 8 \cdot 23^{10} + 13 \cdot 23^{11} + 22 \cdot 23^{12} + 4 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 4, 2) = 17 \cdot 23^{10} + 4 \cdot 23^{11} + 11 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 4, 1, 1) = 14 \cdot 23^{10} + 16 \cdot 23^{11} + 13 \cdot 23^{12} + 14 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 3) = 7 \cdot 23^{10} + 19 \cdot 23^{11} + 19 \cdot 23^{12} + 21 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 2, 1) = 4 \cdot 23^{10} + 20 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 2) = 4 \cdot 23^{10} + 19 \cdot 23^{11} + 4 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 1) = 10 \cdot 23^{10} + 10 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 4) = 17 \cdot 23^{10} + 22 \cdot 23^{11} + 2 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 3, 1) = 4 \cdot 23^{10} + 13 \cdot 23^{11} + 5 \cdot 23^{12} + 4 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 2) = 14 \cdot 23^{10} + 13 \cdot 23^{11} + 9 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 1) = 4 \cdot 23^{10} + 22 \cdot 23^{11} + 3 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 3) = 17 \cdot 23^{10} + 19 \cdot 23^{11} + 18 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 1) = 7 \cdot 23^{10} + 9 \cdot 23^{11} + 10 \cdot 23^{12} + 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 2) = 11 \cdot 23^{10} + 22 \cdot 23^{11} + 11 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 1) = 14 \cdot 23^{10} + 3 \cdot 23^{11} + 8 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 5) = 22 \cdot 23^{10} + 7 \cdot 23^{11} + 4 \cdot 23^{12} + 10 \cdot 23^{13} + 16 \cdot 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 9 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 4, 1) = 4 \cdot 23^{10} + 5 \cdot 23^{11} + 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 21 \cdot 23^{17} + 4 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 2) = 12 \cdot 23^{10} + 7 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 1) = 16 \cdot 23^{10} + 22 \cdot 23^{11} + 14 \cdot 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 17 \cdot 23^{16} + 14 \cdot 23^{17} + 10 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 3) = 19 \cdot 23^{10} + 22 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 1) = 5 \cdot 23^{10} + 19 \cdot 23^{11} + 3 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 11 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 2) = 4 \cdot 23^{10} + 9 \cdot 23^{11} + 4 \cdot 23^{12} + 21 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 1) = 2 \cdot 23^{10} + 3 \cdot 23^{11} + 20 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 4) = 19 \cdot 23^{10} + 12 \cdot 23^{11} + 12 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 7 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 1) = 8 \cdot 23^{10} + 11 \cdot 23^{11} + 6 \cdot 23^{12} + 18 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 2) = 14 \cdot 23^{10} + 16 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 23^{10} + 3 \cdot 23^{11} + 20 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 3) = 23^{10} + 20 \cdot 23^{11} + 5 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 1) = 7 \cdot 23^{10} + 13 \cdot 23^{11} + 7 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 2) = 10 \cdot 23^{10} + 14 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 7) = 23^{10} + 10 \cdot 23^{11} + 13 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 6, 1) = 16 \cdot 23^{10} + 10 \cdot 23^{11} + 9 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 5, 2) = 7 \cdot 23^{10} + 17 \cdot 23^{11} + 17 \cdot 23^{12} + 15 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 5, 1, 1) = 7 \cdot 23^{10} + 16 \cdot 23^{11} + 6 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 3) = 18 \cdot 23^{10} + 10 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 14 \cdot 23^{15} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 2, 1) = 6 \cdot 23^{10} + 3 \cdot 23^{11} + 14 \cdot 23^{12} + 13 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 2) = 10 \cdot 23^{10} + 7 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 1) = 21 \cdot 23^{10} + 11 \cdot 23^{11} + 9 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 4) = 22 \cdot 23^{10} + 7 \cdot 23^{11} + 4 \cdot 23^{12} + 10 \cdot 23^{13} + 16 \cdot 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 9 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 3, 1) = 3 \cdot 23^{10} + 16 \cdot 23^{11} + 22 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 2) = 2 \cdot 23^{10} + 17 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 1) = 6 \cdot 23^{10} + 20 \cdot 23^{11} + 19 \cdot 23^{12} + 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 3) = 10 \cdot 23^{10} + 5 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 10 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 1) = 5 \cdot 23^{10} + 7 \cdot 23^{11} + 10 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 12 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 2) = 11 \cdot 23^{10} + 18 \cdot 23^{11} + 22 \cdot 23^{12} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 1) = 3 \cdot 23^{10} + 13 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 5) = 17 \cdot 23^{10} + 9 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 4, 1) = 12 \cdot 23^{10} + 9 \cdot 23^{11} + 17 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 2) = 22 \cdot 23^{10} + 6 \cdot 23^{11} + 5 \cdot 23^{12} + 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 1) = 18 \cdot 23^{10} + 9 \cdot 23^{11} + 12 \cdot 23^{12} + 7 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 3) = 12 \cdot 23^{10} + 6 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 11 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 1) = 15 \cdot 23^{10} + 20 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 2) = 11 \cdot 23^{10} + 16 \cdot 23^{11} + 20 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 1) = 8 \cdot 23^{10} + 6 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 16 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 4) = 16 \cdot 23^{11} + 16 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 1) = 2 \cdot 23^{10} + 4 \cdot 23^{11} + 21 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 2) = 15 \cdot 23^{10} + 12 \cdot 23^{11} + 3 \cdot 23^{12} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 1) = 20 \cdot 23^{10} + 6 \cdot 23^{11} + 4 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 3) = 5 \cdot 23^{10} + 13 \cdot 23^{11} + 21 \cdot 23^{12} + 4 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 1) = 15 \cdot 23^{10} + 19 \cdot 23^{11} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 2) = 3 \cdot 23^{10} + 13 \cdot 23^{11} + 5 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 6) = 7 \cdot 23^{10} + 18 \cdot 23^{11} + 16 \cdot 23^{12} + 21 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 5, 1) = 16 \cdot 23^{10} + 10 \cdot 23^{11} + 9 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 2) = 13 \cdot 23^{10} + 14 \cdot 23^{11} + 12 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 1) = 23^{10} + 19 \cdot 23^{11} + 10 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 3) = 11 \cdot 23^{10} + 17 \cdot 23^{11} + 4 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 1) = 11 \cdot 23^{10} + 12 \cdot 23^{11} + 3 \cdot 23^{12} + 12 \cdot 23^{13} + 5 \cdot 23^{14} + 21 \cdot 23^{15} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 2) = 4 \cdot 23^{10} + 7 \cdot 23^{11} + 12 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 1) = 19 \cdot 23^{10} + 15 \cdot 23^{11} + 10 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 4) = 12 \cdot 23^{11} + 7 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 1) = 12 \cdot 23^{10} + 22 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 5 \cdot 23^{17} + 10 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 2) = 5 \cdot 23^{10} + 7 \cdot 23^{11} + 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 1) = 23^{10} + 21 \cdot 23^{11} + 6 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 3) = 12 \cdot 23^{10} + 2 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 1) = 6 \cdot 23^{10} + 22 \cdot 23^{11} + 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 5 \cdot 23^{15} + 3 \cdot 23^{16} + 9 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 2) = 13 \cdot 23^{10} + 8 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 5) = 23^{10} + 10 \cdot 23^{11} + 13 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 1) = 15 \cdot 23^{10} + 14 \cdot 23^{11} + 4 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 2) = 19 \cdot 23^{10} + 5 \cdot 23^{11} + 14 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 1) = 21 \cdot 23^{10} + 3 \cdot 23^{11} + 23^{12} + 13 \cdot 23^{13} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 3) = 20 \cdot 23^{10} + 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 1) = 13 \cdot 23^{10} + 8 \cdot 23^{11} + 12 \cdot 23^{12} + 4 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 2) = 4 \cdot 23^{10} + 11 \cdot 23^{11} + 10 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 4) = 12 \cdot 23^{10} + 16 \cdot 23^{11} + 6 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 1) = 2 \cdot 23^{10} + 14 \cdot 23^{11} + 17 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{16} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 2) = 20 \cdot 23^{10} + 21 \cdot 23^{11} + 14 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(23^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3) = 3 \cdot 23^{10} + 4 \cdot 23^{11} + 13 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 1) = O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2) = O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \end{aligned}$$

**9.12. weight 11 case.**

$$\begin{aligned} \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(11) = 20 \cdot 23^{11} + 12 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(10, 1) = 18 \cdot 23^{11} + 14 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(9, 2) = 11 \cdot 23^{11} + 2 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(9, 1, 1) = 10 \cdot 23^{11} + 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 13 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(8, 3) = 19 \cdot 23^{11} + 12 \cdot 23^{12} + 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(8, 2, 1) = 9 \cdot 23^{11} + 15 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(8, 1, 2) = 18 \cdot 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(8, 1, 1, 1) = 6 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(7, 4) = 23^{11} + 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 10 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(7, 3, 1) = 6 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(7, 2, 2) = 11 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(7, 2, 1, 1) = 22 \cdot 23^{11} + 8 \cdot 23^{12} + 13 \cdot 23^{13} + 10 \cdot 23^{14} + 5 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(7, 1, 3) = 22 \cdot 23^{11} + 15 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(7, 1, 2, 1) = 11 \cdot 23^{11} + 8 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(7, 1, 1, 2) = 12 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(7, 1, 1, 1, 1) = 15 \cdot 23^{11} + 11 \cdot 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(6, 5) = 16 \cdot 23^{11} + 10 \cdot 23^{12} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(6, 4, 1) = 15 \cdot 23^{11} + 7 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 2 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(6, 3, 2) = 22 \cdot 23^{11} + 20 \cdot 23^{12} + 19 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(6, 3, 1, 1) = 5 \cdot 23^{11} + 10 \cdot 23^{12} + 17 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(6, 2, 3) = 16 \cdot 23^{11} + 4 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(6, 2, 2, 1) = 21 \cdot 23^{11} + 19 \cdot 23^{12} + 21 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(6, 2, 1, 2) = 7 \cdot 23^{11} + 14 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(6, 2, 1, 1, 1) = 13 \cdot 23^{11} + 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(6, 1, 4) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(6, 1, 3, 1) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 17 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(6, 1, 2, 2) = 12 \cdot 23^{11} + 15 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(6, 1, 2, 1, 1) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(6, 1, 1, 3) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(6, 1, 1, 2, 1) = 18 \cdot 23^{11} + 20 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 18 \cdot 23^{16} + 6 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(6, 1, 1, 1, 2) = 8 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(6, 1, 1, 1, 1) = 5 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(5, 6) = 10 \cdot 23^{11} + 22 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 4 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(5, 5, 1) = 11 \cdot 23^{11} + 10 \cdot 23^{12} + 18 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(5, 4, 2) = 21 \cdot 23^{11} + 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(5, 4, 1, 1) = 19 \cdot 23^{11} + 9 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(5, 3, 3) = 12 \cdot 23^{11} + 3 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(5, 3, 2, 1) = 15 \cdot 23^{11} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(5, 3, 1, 2) = 16 \cdot 23^{11} + 20 \cdot 23^{12} + 21 \cdot 23^{13} + 15 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(5, 3, 1, 1, 1) = 3 \cdot 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(5, 2, 4) = 10 \cdot 23^{11} + 5 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(5, 2, 3, 1) = 6 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 13 \cdot 23^{15} + 14 \cdot 23^{17} + 19 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(5, 2, 2, 2) = 8 \cdot 23^{11} + 7 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(5, 2, 2, 1, 1) = 14 \cdot 23^{11} + 19 \cdot 23^{12} + 17 \cdot 23^{13} + 18 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(5, 2, 1, 3) = 21 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(5, 2, 1, 2, 1) = 23^{11} + 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(5, 2, 1, 1, 2) = 12 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 2 \cdot 23^{17} + 13 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(5, 2, 1, 1, 1, 1) = 5 \cdot 23^{11} + 17 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(5, 1, 5) = 8 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{16} + 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(5, 1, 4, 1) = 12 \cdot 23^{11} + 11 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(5, 1, 3, 2) = 23^{11} + 12 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 20 \cdot 23^{15} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(5, 1, 3, 1, 1) = 16 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(5, 1, 2, 3) = 14 \cdot 23^{11} + 2 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(5, 1, 2, 2, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(5, 1, 2, 1, 2) = 22 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(5, 1, 2, 1, 1, 1) = 7 \cdot 23^{11} + 7 \cdot 23^{12} + 5 \cdot 23^{13} + 11 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(5, 1, 1, 4) = 14 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(5, 1, 1, 3, 1) = 8 \cdot 23^{11} + 4 \cdot 23^{12} + 12 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(5, 1, 1, 2, 2) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 20 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(5, 1, 1, 2, 1, 1) = 5 \cdot 23^{11} + 19 \cdot 23^{12} + 19 \cdot 23^{13} + 6 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(5, 1, 1, 1, 3) = 15 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(5, 1, 1, 1, 2, 1) = 20 \cdot 23^{11} + 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{17} + 8 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(5, 1, 1, 1, 2) = 8 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(5, 1, 1, 1, 1, 1) = 15 \cdot 23^{11} + 19 \cdot 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(4, 7) = 2 \cdot 23^{11} + 9 \cdot 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(4, 6, 1) = 9 \cdot 23^{11} + 15 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 5, 2) = 17 \cdot 23^{11} + 13 \cdot 23^{12} + 16 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 5, 1, 1) = 18 \cdot 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 4, 3) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 6 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 4, 2, 1) = 22 \cdot 23^{11} + 17 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 4, 1, 2) = 9 \cdot 23^{11} + 19 \cdot 23^{12} + 19 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 4, 1, 1, 1) = 2 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 10 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 3, 4) = 2 \cdot 23^{11} + 14 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 3, 3, 1) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 3, 2, 2) = 2 \cdot 23^{11} + 16 \cdot 23^{12} + 21 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 3, 2, 1, 1) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 3, 1, 3) = 14 \cdot 23^{11} + 20 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 3, 1, 2, 1) = 16 \cdot 23^{11} + 9 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 3, 1, 1, 2) = 5 \cdot 23^{11} + 17 \cdot 23^{12} + 13 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 3, 1, 1, 1, 1) = 22 \cdot 23^{11} + 7 \cdot 23^{12} + 11 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 2 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 2, 5) = 17 \cdot 23^{11} + 19 \cdot 23^{12} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 2, 4, 1) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 2, 3, 2) = 11 \cdot 23^{11} + 3 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 2, 3, 1, 1) = 7 \cdot 23^{11} + 2 \cdot 23^{12} + 6 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 2, 2, 3) = 7 \cdot 23^{11} + 22 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 2, 2, 2, 1) = 8 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 10 \cdot 23^{15} + 21 \cdot 23^{16} + 22 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 2, 2, 1, 2) = 4 \cdot 23^{11} + 15 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 2, 2, 1, 1, 1) = 12 \cdot 23^{11} + 16 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 2, 1, 4) = 22 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 2, 1, 3, 1) = 18 \cdot 23^{11} + 10 \cdot 23^{14} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 2, 1, 2, 2) = 13 \cdot 23^{11} + 3 \cdot 23^{12} + 8 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 2, 1, 2, 1, 1) = 9 \cdot 23^{11} + 14 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 2, 1, 1, 3) = 8 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 3 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 2, 1, 1, 2, 1) = 23^{11} + 18 \cdot 23^{12} + 8 \cdot 23^{13} + 21 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 2, 1, 1, 1, 2) = 12 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 2 \cdot 23^{17} + 13 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 2, 1, 1, 1, 1, 1) = 10 \cdot 23^{11} + 10 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 6) = 2 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 5, 1) = 19 \cdot 23^{11} + 19 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 9 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 4, 2) = 16 \cdot 23^{11} + 19 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 4, 1, 1) = 12 \cdot 23^{11} + 22 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 3, 3) = 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 3, 2, 1) = 11 \cdot 23^{11} + 15 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 7 \cdot 23^{17} + 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 3, 1, 2) = 10 \cdot 23^{11} + 3 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 3, 1, 1, 1) = 15 \cdot 23^{11} + 11 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 3 \cdot 23^{17} + 10 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 2, 4) = 21 \cdot 23^{11} + 15 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 2, 3, 1) = 9 \cdot 23^{11} + 6 \cdot 23^{12} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 2, 2, 2) = 18 \cdot 23^{11} + 15 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 18 \cdot 23^{17} + 9 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 2, 2, 1, 1) = 4 \cdot 23^{11} + 16 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 2, 1, 3) = 2 \cdot 23^{11} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 2, 1, 2, 1) = 5 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 2, 1, 1, 2) = 5 \cdot 23^{11} + 17 \cdot 23^{12} + 13 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 2, 1, 1, 1, 1) = 13 \cdot 23^{11} + 3 \cdot 23^{12} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 5) = 3 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 4, 1) = 5 \cdot 23^{11} + 6 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 3, 2) = 16 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 6 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 3, 1, 1) = 2 \cdot 23^{11} + 5 \cdot 23^{12} + 14 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 2, 3) = 2 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 2, 2, 1) = 21 \cdot 23^{11} + 21 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 2, 1, 2) = 10 \cdot 23^{12} + 21 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 2, 1, 1, 1) = 20 \cdot 23^{11} + 16 \cdot 23^{12} + 5 \cdot 23^{13} + 2 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 4) = 2 \cdot 23^{11} + 15 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 13 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 3, 1) = 20 \cdot 23^{11} + 20 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 9 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 2, 2) = 10 \cdot 23^{11} + 13 \cdot 23^{12} + 5 \cdot 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 2, 1, 1) = 21 \cdot 23^{11} + 19 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 3) = 19 \cdot 23^{11} + 11 \cdot 23^{12} + 18 \cdot 23^{13} + 16 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 2, 1) = 23^{11} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 2) = 12 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 1, 1) = 15 \cdot 23^{11} + 3 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 8) = 7 \cdot 23^{11} + 20 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 7, 1) = 19 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 21 \cdot 23^{16} + 3 \cdot 23^{17} + 3 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 6, 2) = 9 \cdot 23^{11} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 6, 1, 1) = 19 \cdot 23^{11} + 6 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 2 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 5, 3) = 11 \cdot 23^{11} + 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 5, 2, 1) = 12 \cdot 23^{11} + 18 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 14 \cdot 23^{15} + 2 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 5, 1, 2) = 14 \cdot 23^{11} + 12 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 5, 1, 1, 1) = 19 \cdot 23^{11} + 23^{12} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 20 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 4, 4) = 18 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 4, 3, 1) = 13 \cdot 23^{11} + 17 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 4, 2, 2) = 14 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 19 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 4, 2, 1, 1) = 17 \cdot 23^{11} + 6 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 4, 1, 3) = 14 \cdot 23^{11} + 8 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 4, 1, 2, 1) = 20 \cdot 23^{11} + 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 4, 1, 1, 2) = 10 \cdot 23^{12} + 21 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 4, 1, 1, 1, 1) = 20 \cdot 23^{11} + 4 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 12 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 3, 5) = 9 \cdot 23^{11} + 7 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 3, 4, 1) = 5 \cdot 23^{11} + 13 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 3, 3, 2) = 23^{11} + 12 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 3, 3, 1, 1) = 6 \cdot 23^{11} + 6 \cdot 23^{12} + 14 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 3, 2, 3) = 10 \cdot 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 3, 2, 2, 1) = 12 \cdot 23^{11} + 9 \cdot 23^{12} + 9 \cdot 23^{13} + 15 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 3, 2, 1, 2) = 12 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 3, 2, 1, 1, 1) = 11 \cdot 23^{11} + 7 \cdot 23^{12} + 3 \cdot 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 3, 1, 4) = 6 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 3, 1, 3, 1) = 6 \cdot 23^{11} + 21 \cdot 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 8 \cdot 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 3, 1, 2, 2) = 18 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 3, 1, 2, 1, 1) = 18 \cdot 23^{11} + 5 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 3, 1, 1, 3) = 21 \cdot 23^{11} + 22 \cdot 23^{12} + 21 \cdot 23^{13} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 3, 1, 1, 2, 1) = 4 \cdot 23^{11} + 16 \cdot 23^{12} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 3, 1, 1, 1, 2) = 22 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 3, 1, 1, 1, 1, 1) = 13 \cdot 23^{11} + 3 \cdot 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 6) = 20 \cdot 23^{11} + 23^{12} + 7 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 5, 1) = 21 \cdot 23^{11} + 15 \cdot 23^{13} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 4, 2) = 10 \cdot 23^{11} + 6 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 4, 1, 1) = 2 \cdot 23^{11} + 4 \cdot 23^{13} + 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 3, 3) = 8 \cdot 23^{11} + 7 \cdot 23^{12} + 2 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 3, 2, 1) = 18 \cdot 23^{11} + 16 \cdot 23^{12} + 7 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 3, 1, 2) = 10 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 3, 1, 1, 1) = 19 \cdot 23^{11} + 9 \cdot 23^{12} + 16 \cdot 23^{13} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 2, 4) = 3 \cdot 23^{11} + 17 \cdot 23^{12} + 17 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 2, 3, 1) = 18 \cdot 23^{11} + 3 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 2, 2, 2) = 8 \cdot 23^{11} + 2 \cdot 23^{12} + 2 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 2, 2, 1, 1) = 16 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 2, 1, 3) = 5 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 2, 1, 2, 1) = 18 \cdot 23^{11} + 21 \cdot 23^{12} + 6 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 2, 1, 1, 2) = 4 \cdot 23^{11} + 15 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 2, 1, 1, 1, 1) = 4 \cdot 23^{11} + 8 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 5) = 16 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 18 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 4, 1) = 12 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 5 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 3, 2) = 20 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 3, 1, 1) = 7 \cdot 23^{11} + 16 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 2, 3) = 5 \cdot 23^{11} + 6 \cdot 23^{12} + 6 \cdot 23^{13} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 2, 2, 1) = 3 \cdot 23^{11} + 19 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 2, 1, 2) = 12 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 2, 1, 1, 1) = 17 \cdot 23^{11} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 4) = 22 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 1, 3, 1) = 22 \cdot 23^{11} + 12 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 2, 2) = 9 \cdot 23^{11} + 17 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 2, 1, 1) = 23^{11} + 4 \cdot 23^{12} + 10 \cdot 23^{13} + 16 \cdot 23^{14} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 3) = 16 \cdot 23^{11} + 18 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 2, 1) = 21 \cdot 23^{11} + 17 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 2) = 7 \cdot 23^{11} + 14 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 23^{11} + 19 \cdot 23^{12} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 7) = 15 \cdot 23^{11} + 20 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 6, 1) = 13 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 5, 2) = 9 \cdot 23^{11} + 17 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 12 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 5, 1, 1) = 22 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 4, 3) = 14 \cdot 23^{11} + 7 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 4, 2, 1) = 8 \cdot 23^{11} + 12 \cdot 23^{12} + 3 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 4, 1, 2) = 23^{11} + 19 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 4, 1, 1, 1) = 10 \cdot 23^{11} + 8 \cdot 23^{12} + 9 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 3, 4) = 2 \cdot 23^{11} + 17 \cdot 23^{12} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 3, 3, 1) = 5 \cdot 23^{11} + 22 \cdot 23^{12} + 13 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 3, 2, 2) = 12 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 3, 2, 1, 1) = 5 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 9 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 3, 1, 3) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 3, 1, 2, 1) = 14 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 3, 1, 1, 2) = 10 \cdot 23^{11} + 3 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 3, 1, 1, 1, 1) = 2 \cdot 23^{11} + 2 \cdot 23^{12} + 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 5) = 12 \cdot 23^{11} + 14 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 4, 1) = 20 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 3, 2) = 13 \cdot 23^{11} + 20 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 3, 1, 1) = 15 \cdot 23^{11} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 3 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 2, 3) = 22 \cdot 23^{11} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 2, 2, 1) = 19 \cdot 23^{11} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 21 \cdot 23^{15} + 3 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 2, 1, 2) = 10 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 2, 1, 1, 1) = 14 \cdot 23^{11} + 15 \cdot 23^{12} + 11 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 4) = 21 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 1, 3, 1) = 16 \cdot 23^{11} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 8 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 2, 2) = 20 \cdot 23^{11} + 4 \cdot 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 2, 1, 1) = 10 \cdot 23^{11} + 13 \cdot 23^{12} + 7 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 3) = 15 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 2, 1) = 17 \cdot 23^{11} + 8 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 19 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 2) = 16 \cdot 23^{11} + 20 \cdot 23^{12} + 21 \cdot 23^{13} + 15 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 1, 1) = 6 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 6) = 7 \cdot 23^{11} + 2 \cdot 23^{12} + 2 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 5, 1) = 22 \cdot 23^{11} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 10 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 4, 2) = 8 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 16 \cdot 23^{14} + 8 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 4, 1, 1) = 10 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 6 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 3, 3) = 7 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 3, 2, 1) = 4 \cdot 23^{11} + 7 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 5 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 3, 1, 2) = 23^{11} + 19 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 3, 1, 1, 1) = 10 \cdot 23^{11} + 19 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 4) = 13 \cdot 23^{11} + 17 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 3, 1) = 3 \cdot 23^{11} + 6 \cdot 23^{12} + 3 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 2, 2) = 8 \cdot 23^{11} + 15 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 2, 1, 1) = 7 \cdot 23^{11} + 7 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 3) = 20 \cdot 23^{11} + 16 \cdot 23^{12} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 2, 1) = 13 \cdot 23^{11} + 18 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 2) = 9 \cdot 23^{11} + 19 \cdot 23^{12} + 19 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 1, 1) = 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 22 \cdot 23^{16} + 18 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 5) = 3 \cdot 23^{11} + 21 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 4, 1) = 21 \cdot 23^{11} + 14 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 3, 2) = 22 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 3, 1, 1) = 17 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 3) = 18 \cdot 23^{11} + 6 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 2, 1) = 6 \cdot 23^{11} + 9 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 2) = 14 \cdot 23^{11} + 12 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 1, 1) = 4 \cdot 23^{11} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 8 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 4) = 20 \cdot 23^{11} + 6 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 11 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 3, 1) = 3 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 2) = 10 \cdot 23^{11} + 14 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 1, 1) = 13 \cdot 23^{11} + 9 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 3) = 6 \cdot 23^{11} + 13 \cdot 23^{12} + 4 \cdot 23^{13} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 23^{11} + 16 \cdot 23^{12} + 19 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 2) = 18 \cdot 23^{11} + 4 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 23^{11} + 11 \cdot 23^{12} + 22 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 9) = 15 \cdot 23^{11} + 7 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 8, 1) = 5 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 7, 2) = 12 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 7, 1, 1) = 9 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 6, 3) = 19 \cdot 23^{11} + 19 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 6, 2, 1) = 3 \cdot 23^{11} + 23^{12} + 2 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 6, 1, 2) = 10 \cdot 23^{11} + 14 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 6, 1, 1, 1) = 12 \cdot 23^{11} + 20 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 5, 4) = 4 \cdot 23^{11} + 15 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 5, 3, 1) = 3 \cdot 23^{11} + 20 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 5, 2, 2) = 3 \cdot 23^{11} + 6 \cdot 23^{12} + 10 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{16} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 5, 2, 1, 1) = 6 \cdot 23^{11} + 8 \cdot 23^{12} + 14 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 5, 1, 3) = 14 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 5, 1, 2, 1) = 14 \cdot 23^{11} + 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{15} + 18 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 5, 1, 1, 2) = 10 \cdot 23^{11} + 13 \cdot 23^{12} + 5 \cdot 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 5, 1, 1, 1, 1) = 13 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 4, 5) = 17 \cdot 23^{11} + 15 \cdot 23^{12} + 6 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 4, 4, 1) = 12 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 5 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 4, 3, 2) = 13 \cdot 23^{11} + 7 \cdot 23^{12} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 4, 3, 1, 1) = 13 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 4, 2, 3) = 11 \cdot 23^{11} + 14 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 4, 2, 2, 1) = 23^{11} + 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 4, 2, 1, 2) = 9 \cdot 23^{11} + 17 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 4, 2, 1, 1, 1) = 21 \cdot 23^{11} + 20 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 4, 1, 4) = 18 \cdot 23^{11} + 8 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 4, 1, 3, 1) = 18 \cdot 23^{11} + 13 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 4, 1, 2, 2) = 20 \cdot 23^{11} + 19 \cdot 23^{12} + 21 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 4, 1, 2, 1, 1) = 5 \cdot 23^{11} + 15 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 21 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 4, 1, 1, 3) = 23^{11} + 14 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 4, 1, 1, 2, 1) = 15 \cdot 23^{11} + 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 4, 1, 1, 1, 2) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 20 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 4, 1, 1, 1, 1, 1) = 23^{11} + 3 \cdot 23^{12} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 7 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 6) = 23^{12} + 9 \cdot 23^{13} + 15 \cdot 23^{14} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 5, 1) = 6 \cdot 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 13 \cdot 23^{15} + 18 \cdot 23^{16} + 18 \cdot 23^{17} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 4, 2) = 6 \cdot 23^{11} + 10 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 17 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 4, 1, 1) = 11 \cdot 23^{11} + 7 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 3, 3) = 18 \cdot 23^{11} + 11 \cdot 23^{12} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 3, 2, 1) = 19 \cdot 23^{11} + 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 3, 1, 2) = 20 \cdot 23^{11} + 4 \cdot 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 3, 1, 1, 1) = 9 \cdot 23^{11} + 8 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 2, 4) = 5 \cdot 23^{11} + 4 \cdot 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 2, 3, 1) = 3 \cdot 23^{11} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 2, 2, 2) = 2 \cdot 23^{11} + 12 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 2, 2, 1, 1) = 12 \cdot 23^{11} + 8 \cdot 23^{12} + 14 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 2, 1, 3) = 21 \cdot 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 2, 1, 2, 1) = 5 \cdot 23^{11} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 2, 1, 1, 2) = 13 \cdot 23^{11} + 3 \cdot 23^{12} + 8 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 2, 1, 1, 1, 1) = 18 \cdot 23^{11} + 18 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 5) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 4, 1) = 4 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 13 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 3, 2) = 22 \cdot 23^{11} + 3 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 3, 1, 1) = 22 \cdot 23^{11} + 23^{12} + 23^{13} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 2, 3) = 3 \cdot 23^{11} + 3 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 2, 2, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 2, 1, 2) = 18 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 2, 1, 1, 1) = 22 \cdot 23^{11} + 23^{12} + 4 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 4) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 8 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 3, 1) = 21 \cdot 23^{11} + 10 \cdot 23^{12} + 22 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 2, 2) = 20 \cdot 23^{11} + 19 \cdot 23^{12} + 21 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 2, 1, 1) = 7 \cdot 23^{11} + 20 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 3) = 17 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 2, 1) = 17 \cdot 23^{11} + 18 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 2) = 12 \cdot 23^{11} + 15 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 1, 1) = 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 7) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 6, 1) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 5, 2) = 15 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 17 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 5, 1, 1) = 9 \cdot 23^{11} + 20 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 4, 3) = 16 \cdot 23^{11} + 14 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 4, 2, 1) = 11 \cdot 23^{11} + 13 \cdot 23^{12} + 13 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 4, 1, 2) = 8 \cdot 23^{11} + 15 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 4, 1, 1, 1) = 7 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{15} + 9 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 3, 4) = 3 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 3, 3, 1) = 11 \cdot 23^{11} + 17 \cdot 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 3, 2, 2) = 12 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 3, 2, 1, 1) = 23^{11} + 20 \cdot 23^{12} + 10 \cdot 23^{13} + 5 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 3, 1, 3) = 2 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 3, 1, 2, 1) = 5 \cdot 23^{11} + 16 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 3 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 3, 1, 1, 2) = 18 \cdot 23^{11} + 15 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 18 \cdot 23^{17} + 9 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 3, 1, 1, 1, 1) = 2 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 5) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 3 \cdot 23^{15} + 2 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 4, 1) = 22 \cdot 23^{11} + 3 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 3, 2) = 23^{11} + 4 \cdot 23^{12} + 17 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 3, 1, 1) = 17 \cdot 23^{11} + 3 \cdot 23^{12} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 2, 3) = 20 \cdot 23^{11} + 7 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 2, 2, 1) = 6 \cdot 23^{11} + 20 \cdot 23^{12} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 2, 1, 2) = 8 \cdot 23^{11} + 2 \cdot 23^{12} + 2 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 2, 1, 1, 1) = 6 \cdot 23^{11} + 14 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 14 \cdot 23^{17} + 22 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 4) = 11 \cdot 23^{11} + 6 \cdot 23^{12} + 17 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 3, 1) = 20 \cdot 23^{11} + 11 \cdot 23^{12} + 4 \cdot 23^{13} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 2, 2) = 2 \cdot 23^{11} + 12 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 2, 1, 1) = 3 \cdot 23^{11} + 20 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 9 \cdot 23^{17} + 12 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 3) = 6 \cdot 23^{11} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 2, 1) = 20 \cdot 23^{11} + 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 2) = 8 \cdot 23^{11} + 7 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 1, 1) = 14 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 7 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 6) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 5, 1) = 16 \cdot 23^{11} + 16 \cdot 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 4, 2) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 4, 1, 1) = 23^{11} + 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 16 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 3, 3) = 3 \cdot 23^{11} + 13 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 3, 2, 1) = 11 \cdot 23^{11} + 16 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 3, 1, 2) = 12 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 3, 1, 1, 1) = 6 \cdot 23^{11} + 11 \cdot 23^{12} + 13 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 4) = 8 \cdot 23^{11} + 2 \cdot 23^{12} + 15 \cdot 23^{14} + 7 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 3, 1) = 12 \cdot 23^{11} + 14 \cdot 23^{12} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 2, 2) = 12 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 5 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 2, 1, 1) = 10 \cdot 23^{11} + 5 \cdot 23^{12} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 3) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 2, 1) = 22 \cdot 23^{11} + 10 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 2) = 2 \cdot 23^{11} + 16 \cdot 23^{12} + 21 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 23^{11} + 2 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 5) = 7 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 4, 1) = 11 \cdot 23^{11} + 4 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 3, 2) = 7 \cdot 23^{11} + 10 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 14 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 3, 1, 1) = 9 \cdot 23^{11} + 6 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 6 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 3) = 14 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 2, 1) = 4 \cdot 23^{11} + 13 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 2) = 14 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 19 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 1, 1) = 10 \cdot 23^{11} + 11 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 12 \cdot 23^{15} + 20 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 4) = 6 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 3, 1) = 15 \cdot 23^{11} + 15 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{15} + 20 \cdot 23^{16} + 6 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 2) = 3 \cdot 23^{11} + 6 \cdot 23^{12} + 10 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{16} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 1, 1) = 19 \cdot 23^{11} + 12 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 3) = 3 \cdot 23^{11} + 20 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 2, 1) = 19 \cdot 23^{11} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 2) = 11 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 8) = 22 \cdot 23^{11} + 9 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 7, 1) = 21 \cdot 23^{11} + 19 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 6, 2) = 4 \cdot 23^{11} + 9 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 6, 1, 1) = 2 \cdot 23^{11} + 21 \cdot 23^{13} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 8 \cdot 23^{17} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 5, 3) = 16 \cdot 23^{11} + 15 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 5, 2, 1) = 17 \cdot 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 5, 1, 2) = 22 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 5, 1, 1, 1) = 16 \cdot 23^{11} + 3 \cdot 23^{12} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 4, 4) = 19 \cdot 23^{11} + 11 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 4, 3, 1) = 19 \cdot 23^{11} + 4 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 6 \cdot 23^{17} + 12 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 4, 2, 2) = 7 \cdot 23^{11} + 10 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 14 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 4, 2, 1, 1) = 17 \cdot 23^{11} + 18 \cdot 23^{12} + 9 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 2 \cdot 23^{16} + 8 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 4, 1, 3) = 3 \cdot 23^{11} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 4, 1, 2, 1) = 19 \cdot 23^{11} + 22 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 4, 1, 1, 2) = 16 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 6 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 4, 1, 1, 1, 1) = 2 \cdot 23^{11} + 9 \cdot 23^{12} + 7 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 5) = 11 \cdot 23^{11} + 7 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 4, 1) = 8 \cdot 23^{11} + 18 \cdot 23^{12} + 3 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 3, 2) = 14 \cdot 23^{11} + 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 3, 1, 1) = 9 \cdot 23^{11} + 6 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 2, 3) = 21 \cdot 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 2, 2, 1) = 10 \cdot 23^{11} + 6 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 11 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 2, 1, 2) = 20 \cdot 23^{11} + 12 \cdot 23^{12} + 2 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 2, 1, 1, 1) = 16 \cdot 23^{11} + 21 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 4) = 17 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 3, 1) = 13 \cdot 23^{11} + 2 \cdot 23^{12} + 18 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 3 \cdot 23^{16} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 2, 2) = 22 \cdot 23^{11} + 3 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 2, 1, 1) = 6 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 3) = 11 \cdot 23^{11} + 9 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 2, 1) = 6 \cdot 23^{11} + 2 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 2) = 23^{11} + 12 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 20 \cdot 23^{15} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 1, 1) = 21 \cdot 23^{11} + 12 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 6) = 19 \cdot 23^{11} + 8 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 5, 1) = 11 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 4, 2) = 16 \cdot 23^{11} + 13 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 4, 1, 1) = 14 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 16 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 3, 3) = 6 \cdot 23^{11} + 10 \cdot 23^{12} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 3, 2, 1) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 3, 1, 2) = 13 \cdot 23^{11} + 20 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 3, 1, 1, 1) = 23^{11} + 7 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 4) = 21 \cdot 23^{11} + 4 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 3, 1) = 15 \cdot 23^{11} + 13 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 2, 2) = 23^{11} + 4 \cdot 23^{12} + 17 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 2, 1, 1) = 11 \cdot 23^{11} + 10 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 3) = 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 2, 1) = 11 \cdot 23^{11} + 15 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 2) = 11 \cdot 23^{11} + 3 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 1, 1) = 20 \cdot 23^{11} + 2 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 2 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 5) = 20 \cdot 23^{11} + 17 \cdot 23^{12} + 18 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 4, 1) = 3 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 17 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 3, 2) = 14 \cdot 23^{11} + 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 3, 1, 1) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 3) = 2 \cdot 23^{11} + 15 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 2, 1) = 20 \cdot 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 2) = 23^{11} + 12 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 1, 1) = 9 \cdot 23^{11} + 13 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 4) = 23^{11} + 15 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 3, 1) = 16 \cdot 23^{11} + 2 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 2) = 13 \cdot 23^{11} + 7 \cdot 23^{12} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 1, 1) = 9 \cdot 23^{11} + 23^{12} + 18 \cdot 23^{13} + 22 \cdot 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 3) = 5 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 2, 1) = 10 \cdot 23^{11} + 20 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 2) = 22 \cdot 23^{11} + 20 \cdot 23^{12} + 19 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 7) = 3 \cdot 23^{11} + 10 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 15 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 6, 1) = 21 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 5, 2) = 23^{11} + 6 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 5, 1, 1) = 13 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 4, 3) = 3 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 4, 2, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 4, 1, 2) = 8 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 16 \cdot 23^{14} + 8 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 4, 1, 1, 1) = 11 \cdot 23^{11} + 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 4) = 23^{11} + 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 23^{16} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 3, 1) = 8 \cdot 23^{11} + 16 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 2, 2) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 2, 1, 1) = 13 \cdot 23^{11} + 17 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 3) = 18 \cdot 23^{11} + 10 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 2, 1) = 16 \cdot 23^{11} + 10 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 2) = 16 \cdot 23^{11} + 19 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 1, 1) = 8 \cdot 23^{11} + 22 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 5) = 17 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 4, 1) = 11 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 2 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 3, 2) = 16 \cdot 23^{11} + 13 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 3, 1, 1) = 15 \cdot 23^{11} + 16 \cdot 23^{12} + 22 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 3) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 2, 1) = 14 \cdot 23^{11} + 16 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 2) = 10 \cdot 23^{11} + 6 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 1, 1) = 7 \cdot 23^{11} + 19 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 4) = 15 \cdot 23^{11} + 14 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 3, 1) = 10 \cdot 23^{11} + 18 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 2) = 6 \cdot 23^{11} + 10 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 17 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 1, 1) = 10 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 3) = 7 \cdot 23^{11} + 14 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 2, 1) = 9 \cdot 23^{11} + 19 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 19 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 2) = 21 \cdot 23^{11} + 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 17 \cdot 23^{11} + 16 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 6) = 5 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 5, 1) = 23^{11} + 20 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 9 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 4, 2) = 23^{11} + 6 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 4, 1, 1) = 20 \cdot 23^{11} + 19 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 3) = 7 \cdot 23^{11} + 14 \cdot 23^{12} + 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 2, 1) = 7 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 2) = 9 \cdot 23^{11} + 17 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 12 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 1, 1) = 22 \cdot 23^{11} + 7 \cdot 23^{12} + 14 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 4) = 18 \cdot 23^{11} + 5 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 3, 1) = 19 \cdot 23^{11} + 17 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 20 \cdot 23^{15} + 19 \cdot 23^{16} + 12 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 2) = 15 \cdot 23^{11} + 14 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 17 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 1, 1) = 15 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 22 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 3) = 20 \cdot 23^{11} + 4 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 2, 1) = 20 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 2) = 17 \cdot 23^{11} + 13 \cdot 23^{12} + 16 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 23^{11} + 18 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 5) = 12 \cdot 23^{11} + 18 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 4, 1) = 19 \cdot 23^{11} + 16 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 2) = 4 \cdot 23^{11} + 9 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 1, 1) = 11 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 9 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 3) = 12 \cdot 23^{11} + 2 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 2, 1) = 10 \cdot 23^{11} + 14 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 7 \cdot 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 2) = 9 \cdot 23^{11} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 22 \cdot 23^{11} + 19 \cdot 23^{12} + 15 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 4) = 15 \cdot 23^{11} + 12 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 1) = 22 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 2) = 12 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 23^{11} + 22 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 3) = 12 \cdot 23^{11} + 10 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 2, 1) = 12 \cdot 23^{11} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 2) = 11 \cdot 23^{11} + 2 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 23^{11} + 9 \cdot 23^{12} + 2 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 5 \cdot 23^{16} + 16 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 10) = 8 \cdot 23^{11} + 18 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 9, 1) = 20 \cdot 23^{11} + 2 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 9 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 8, 2) = 12 \cdot 23^{11} + 10 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 8, 1, 1) = 14 \cdot 23^{11} + 13 \cdot 23^{12} + 5 \cdot 23^{13} + 6 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 7, 3) = 21 \cdot 23^{11} + 21 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 17 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 7, 2, 1) = 11 \cdot 23^{11} + 22 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 7, 1, 2) = 6 \cdot 23^{11} + 13 \cdot 23^{12} + 4 \cdot 23^{13} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 7, 1, 1, 1) = 3 \cdot 23^{11} + 21 \cdot 23^{12} + 4 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 6, 4) = 3 \cdot 23^{11} + 6 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 6, 3, 1) = 16 \cdot 23^{11} + 6 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 6, 2, 2) = 3 \cdot 23^{11} + 20 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 6, 2, 1, 1) = 9 \cdot 23^{11} + 19 \cdot 23^{12} + 9 \cdot 23^{13} + 16 \cdot 23^{14} + 12 \cdot 23^{15} + 17 \cdot 23^{16} + 11 \cdot 23^{17} + 8 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 6, 1, 3) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 6, 1, 2, 1) = 21 \cdot 23^{11} + 2 \cdot 23^{12} + 10 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 11 \cdot 23^{16} + 8 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 6, 1, 1, 2) = 19 \cdot 23^{11} + 11 \cdot 23^{12} + 18 \cdot 23^{13} + 16 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 6, 1, 1, 1, 1) = 15 \cdot 23^{11} + 16 \cdot 23^{12} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 8 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 5, 5) = 23^{11} + 15 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 5, 4, 1) = 18 \cdot 23^{11} + 17 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 5, 3, 2) = 5 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 5, 3, 1, 1) = 17 \cdot 23^{11} + 18 \cdot 23^{12} + 23^{13} + 17 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 5, 2, 3) = 13 \cdot 23^{11} + 21 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 5, 2, 2, 1) = 17 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 5, 2, 1, 2) = 16 \cdot 23^{11} + 18 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 5, 2, 1, 1, 1) = 7 \cdot 23^{11} + 16 \cdot 23^{12} + 6 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 5, 1, 4) = 12 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 5, 1, 3, 1) = 2 \cdot 23^{11} + 10 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 5, 1, 2, 2) = 17 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 5, 1, 2, 1, 1) = 12 \cdot 23^{11} + 11 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 5, 1, 1, 3) = 13 \cdot 23^{11} + 16 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 5, 1, 1, 2, 1) = 14 \cdot 23^{11} + 16 \cdot 23^{12} + 4 \cdot 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 5, 1, 1, 1, 2) = 15 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 5, 1, 1, 1, 1) = 12 \cdot 23^{11} + 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 20 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 6) = 21 \cdot 23^{13} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 5, 1) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 4, 2) = 7 \cdot 23^{11} + 14 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 4, 1, 1) = 6 \cdot 23^{11} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 3, 3) = 11 \cdot 23^{11} + 12 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 3, 2, 1) = 5 \cdot 23^{11} + 18 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 3, 1, 2) = 15 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 3, 1, 1) = 13 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 2, 4) = 6 \cdot 23^{11} + 8 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 2, 3, 1) = 13 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 2, 2, 2) = 6 \cdot 23^{11} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 2, 2, 1) = 23^{11} + 13 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 2, 1, 3) = 15 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 2, 1, 2, 1) = 19 \cdot 23^{11} + 22 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 7 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 2, 1, 1, 2) = 8 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 3 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 2, 1, 1, 1) = 20 \cdot 23^{11} + 2 \cdot 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 5) = 17 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 4, 1) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 3 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 3, 2) = 11 \cdot 23^{11} + 9 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 3, 1) = 4 \cdot 23^{11} + 15 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 2 \cdot 23^{17} + 12 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 2, 3) = 12 \cdot 23^{11} + 12 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 6 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 2, 2, 1) = 9 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 10 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 2, 1, 2) = 21 \cdot 23^{11} + 22 \cdot 23^{12} + 21 \cdot 23^{13} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 2, 1, 1) = 5 \cdot 23^{11} + 12 \cdot 23^{12} + 19 \cdot 23^{13} + 14 \cdot 23^{14} + 8 \cdot 23^{15} + 14 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 4) = 21 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 20 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 3, 1) = 18 \cdot 23^{11} + 10 \cdot 23^{12} + 3 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 2, 2) = 23^{11} + 14 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 2, 1) = 16 \cdot 23^{11} + 14 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 3) = 13 \cdot 23^{11} + 16 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 2, 1) = 15 \cdot 23^{11} + 16 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 2) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 1, 1) = 3 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 7) = 22 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 6, 1) = 12 \cdot 23^{12} + 13 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 5, 2) = 20 \cdot 23^{11} + 4 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 5, 1, 1) = 13 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 4, 3) = 22 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 4, 2, 1) = 15 \cdot 23^{11} + 16 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 4, 1, 2) = 20 \cdot 23^{11} + 16 \cdot 23^{12} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 4, 1, 1, 1) = 12 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 3, 4) = 4 \cdot 23^{11} + 18 \cdot 23^{12} + 14 \cdot 23^{13} + 4 \cdot 23^{14} + 13 \cdot 23^{15} + 8 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 3, 3, 1) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 3, 2, 2) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 3, 2, 1, 1) = 21 \cdot 23^{11} + 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 3, 1, 3) = 16 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 3, 1, 2, 1) = 22 \cdot 23^{11} + 5 \cdot 23^{12} + 18 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 3, 1, 1, 2) = 2 \cdot 23^{11} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 3, 1, 1, 1, 1) = 20 \cdot 23^{11} + 2 \cdot 23^{12} + 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 5) = 20 \cdot 23^{11} + 12 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 4, 1) = 3 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 7 \cdot 23^{16} + 19 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 3, 2) = 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 3, 1, 1) = 2 \cdot 23^{11} + 16 \cdot 23^{12} + 15 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 2, 3) = 14 \cdot 23^{11} + 11 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 7 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 2, 2, 1) = 10 \cdot 23^{11} + 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 13 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 2, 1, 2) = 5 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 7 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 2, 1, 1, 1) = 4 \cdot 23^{11} + 6 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 4) = 12 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 3 \cdot 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 3, 1) = 13 \cdot 23^{11} + 5 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 2, 2) = 21 \cdot 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 2, 1, 1) = 19 \cdot 23^{11} + 3 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 3) = 15 \cdot 23^{11} + 2 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 2, 1) = 22 \cdot 23^{11} + 7 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 2) = 21 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 1) = 23^{11} + 20 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 6) = 5 \cdot 23^{11} + 11 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 5, 1) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 14 \cdot 23^{16} + 6 \cdot 23^{17} + 17 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 4, 2) = 18 \cdot 23^{11} + 10 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 4, 1, 1) = 17 \cdot 23^{11} + 7 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 3, 3) = 19 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 3, 2, 1) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 2 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 3, 1, 2) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 3, 1, 1, 1) = 17 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 21 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 4) = 5 \cdot 23^{11} + 20 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 3, 1) = 18 \cdot 23^{11} + 4 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 2, 2) = 2 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 2, 1, 1) = 11 \cdot 23^{11} + 18 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 22 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 3) = 16 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 2, 1) = 3 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 2) = 14 \cdot 23^{11} + 20 \cdot 23^{12} + 12 \cdot 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 1, 1) = 11 \cdot 23^{11} + 9 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 5) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 4, 1) = 8 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 3, 2) = 3 \cdot 23^{11} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 3, 1, 1) = 12 \cdot 23^{11} + 5 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 3) = 12 \cdot 23^{11} + 5 \cdot 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 17 \cdot 23^{17} + 12 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 2, 1) = 12 \cdot 23^{11} + 6 \cdot 23^{12} + 2 \cdot 23^{14} + 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 2) = 14 \cdot 23^{11} + 8 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 1, 1) = 8 \cdot 23^{11} + 7 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 4) = 20 \cdot 23^{11} + 10 \cdot 23^{12} + 14 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 3, 1) = 11 \cdot 23^{11} + 2 \cdot 23^{12} + 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 22 \cdot 23^{17} + 10 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 2) = 14 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 1, 1) = 21 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 11 \cdot 23^{16} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 3) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 2, 1) = 3 \cdot 23^{11} + 22 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 2) = 22 \cdot 23^{11} + 15 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 23^{11} + 6 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 8) = 20 \cdot 23^{11} + 9 \cdot 23^{12} + 3 \cdot 23^{14} + 9 \cdot 23^{15} + 20 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 7, 1) = 13 \cdot 23^{11} + 15 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 6, 2) = 12 \cdot 23^{11} + 2 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 6, 1, 1) = 18 \cdot 23^{11} + 3 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 5, 3) = 2 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 5, 2, 1) = 5 \cdot 23^{11} + 7 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 23^{15} + 9 \cdot 23^{16} + 17 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 5, 1, 2) = 18 \cdot 23^{11} + 6 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 5, 1, 1, 1) = 20 \cdot 23^{11} + 8 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 4, 4) = 16 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 4, 3, 1) = 20 \cdot 23^{12} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 4, 2, 2) = 14 \cdot 23^{11} + 21 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 4, 2, 1, 1) = 9 \cdot 23^{11} + 12 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 4, 1, 3) = 12 \cdot 23^{11} + 5 \cdot 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 17 \cdot 23^{17} + 12 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 4, 1, 2, 1) = 6 \cdot 23^{11} + 19 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 10 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 4, 1, 1, 2) = 2 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 4, 1, 1, 1, 1) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 6 \cdot 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 5) = 9 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 4, 1) = 23^{11} + 6 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 3, 2) = 2 \cdot 23^{11} + 15 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 3, 1, 1) = 10 \cdot 23^{11} + 7 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 21 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 2, 3) = 12 \cdot 23^{12} + 4 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 2, 2, 1) = 3 \cdot 23^{11} + 9 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 18 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 2, 1, 2) = 5 \cdot 23^{11} + 6 \cdot 23^{12} + 6 \cdot 23^{13} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 2, 1, 1, 1) = 15 \cdot 23^{11} + 6 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 4) = 2 \cdot 23^{11} + 12 \cdot 23^{12} + 10 \cdot 23^{13} + 5 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 3, 1) = 9 \cdot 23^{11} + 13 \cdot 23^{12} + 9 \cdot 23^{13} + 16 \cdot 23^{14} + 8 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 2, 2) = 3 \cdot 23^{11} + 3 \cdot 23^{12} + 5 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 2, 1, 1) = 18 \cdot 23^{11} + 6 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 20 \cdot 23^{16} + 22 \cdot 23^{17} + 10 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 3) = 12 \cdot 23^{11} + 12 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 6 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 2, 1) = 12 \cdot 23^{11} + 9 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 2) = 14 \cdot 23^{11} + 2 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 1, 1) = 15 \cdot 23^{11} + 11 \cdot 23^{12} + 12 \cdot 23^{13} + 7 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 6) = 22 \cdot 23^{11} + 22 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 5, 1) = 11 \cdot 23^{11} + 14 \cdot 23^{12} + 8 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 9 \cdot 23^{17} + 16 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 4, 2) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 4, 1, 1) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 3, 3) = 4 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 3, 2, 1) = 3 \cdot 23^{11} + 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 3, 1, 2) = 22 \cdot 23^{11} + 5 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 3, 1, 1, 1) = 9 \cdot 23^{11} + 5 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 4) = 19 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 3, 1) = 2 \cdot 23^{11} + 15 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 2, 2) = 20 \cdot 23^{11} + 7 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 2, 1, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 19 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 3) = 14 \cdot 23^{11} + 11 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 7 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 2, 1) = 3 \cdot 23^{11} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 2) = 7 \cdot 23^{11} + 22 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 1, 1) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 6 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 5) = 15 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 4, 1) = 17 \cdot 23^{11} + 19 \cdot 23^{12} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 3, 2) = 21 \cdot 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 3, 1, 1) = 19 \cdot 23^{11} + 7 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 3) = 12 \cdot 23^{12} + 4 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{17} + 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 2, 1) = 11 \cdot 23^{11} + 7 \cdot 23^{12} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 2) = 10 \cdot 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 1, 1) = 17 \cdot 23^{11} + 21 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 4) = 17 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 3, 1) = 12 \cdot 23^{11} + 10 \cdot 23^{12} + 22 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 2) = 11 \cdot 23^{11} + 14 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 1, 1) = 7 \cdot 23^{11} + 13 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 3) = 13 \cdot 23^{11} + 21 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 2, 1) = 4 \cdot 23^{11} + 22 \cdot 23^{12} + 22 \cdot 23^{13} + 8 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 2) = 16 \cdot 23^{11} + 4 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 18 \cdot 23^{11} + 19 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 14 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 7) = 8 \cdot 23^{11} + 17 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 17 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 6, 1) = 8 \cdot 23^{11} + 9 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 5, 2) = 7 \cdot 23^{11} + 14 \cdot 23^{12} + 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 5, 1, 1) = 17 \cdot 23^{11} + 17 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 4, 3) = 5 \cdot 23^{11} + 8 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 4, 2, 1) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 4, 1, 2) = 7 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 4, 1, 1, 1) = 17 \cdot 23^{11} + 22 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 2 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 4) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 3, 1) = 11 \cdot 23^{11} + 2 \cdot 23^{12} + 14 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 2, 2) = 3 \cdot 23^{11} + 13 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 2, 1, 1) = 14 \cdot 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 3) = 19 \cdot 23^{11} + 5 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 2, 1) = 13 \cdot 23^{11} + 7 \cdot 23^{12} + 10 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 15 \cdot 23^{16} + 14 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 2) = 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 1, 1) = 6 \cdot 23^{11} + 13 \cdot 23^{12} + 2 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 3 \cdot 23^{16} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 5) = 8 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 4, 1) = 8 \cdot 23^{11} + 21 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 3, 2) = 6 \cdot 23^{11} + 10 \cdot 23^{12} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 3, 1, 1) = 17 \cdot 23^{11} + 7 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 3) = 4 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 2, 1) = 6 \cdot 23^{11} + 19 \cdot 23^{12} + 22 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 2) = 8 \cdot 23^{11} + 7 \cdot 23^{12} + 2 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 1, 1) = 21 \cdot 23^{11} + 20 \cdot 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 4) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 5 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 3, 1) = 9 \cdot 23^{11} + 21 \cdot 23^{12} + 21 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 2) = 18 \cdot 23^{11} + 11 \cdot 23^{12} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 1, 1) = 4 \cdot 23^{11} + 6 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 3) = 11 \cdot 23^{11} + 12 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 2, 1) = 15 \cdot 23^{11} + 20 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 2) = 12 \cdot 23^{11} + 3 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 6) = 16 \cdot 23^{11} + 14 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 15 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 5, 1) = 15 \cdot 23^{11} + 14 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 23^{17} + 11 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 4, 2) = 3 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 4, 1, 1) = 10 \cdot 23^{11} + 21 \cdot 23^{12} + 5 \cdot 23^{13} + 8 \cdot 23^{14} + 16 \cdot 23^{15} + 11 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 3) = 5 \cdot 23^{11} + 8 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 2, 1) = 19 \cdot 23^{11} + 9 \cdot 23^{12} + 3 \cdot 23^{13} + 21 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 2) = 14 \cdot 23^{11} + 7 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 1) = 17 \cdot 23^{11} + 21 \cdot 23^{12} + 2 \cdot 23^{13} + 18 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 4) = 21 \cdot 23^{11} + 17 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 3, 1) = 22 \cdot 23^{11} + 12 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 2) = 16 \cdot 23^{11} + 14 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 1, 1) = 7 \cdot 23^{11} + 4 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 3) = 22 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 2, 1) = 17 \cdot 23^{11} + 20 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 2) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 6 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 22 \cdot 23^{11} + 23^{12} + 22 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 5) = 14 \cdot 23^{11} + 22 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 4, 1) = 4 \cdot 23^{12} + 15 \cdot 23^{13} + 11 \cdot 23^{14} + 9 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 2) = 16 \cdot 23^{11} + 15 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 1, 1) = 23^{11} + 13 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 3) = 2 \cdot 23^{11} + 7 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 2, 1) = 9 \cdot 23^{11} + 13 \cdot 23^{12} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 2) = 11 \cdot 23^{11} + 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 21 \cdot 23^{11} + 16 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 4) = 18 \cdot 23^{11} + 16 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 3, 1) = 7 \cdot 23^{11} + 14 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 9 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 2) = 19 \cdot 23^{11} + 19 \cdot 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 7 \cdot 23^{11} + 7 \cdot 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 3) = 21 \cdot 23^{11} + 21 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 17 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 23^{11} + 22 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 19 \cdot 23^{11} + 12 \cdot 23^{12} + 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 23^{11} + 4 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 9) = 13 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{15} + 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 8, 1) = 2 \cdot 23^{11} + 15 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 7, 2) = 15 \cdot 23^{11} + 12 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 7, 1, 1) = 22 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 6, 3) = 18 \cdot 23^{11} + 16 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 6, 2, 1) = 10 \cdot 23^{11} + 11 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 8 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 6, 1, 2) = 20 \cdot 23^{11} + 6 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 20 \cdot 23^{17} + 11 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 6, 1, 1) = 23^{11} + 16 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 5, 4) = 10 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 5, 3, 1) = 7 \cdot 23^{11} + 18 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 5, 2, 2) = 6 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 5, 2, 1, 1) = 13 \cdot 23^{11} + 20 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 5, 1, 3) = 20 \cdot 23^{11} + 10 \cdot 23^{12} + 14 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 5, 1, 2, 1) = 16 \cdot 23^{11} + 5 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 5, 1, 1, 2) = 2 \cdot 23^{11} + 15 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 13 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 5, 1, 1, 1, 1) = 6 \cdot 23^{11} + 21 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 9 \cdot 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 5) = 17 \cdot 23^{11} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 4, 1) = 6 \cdot 23^{11} + 9 \cdot 23^{12} + 8 \cdot 23^{13} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 3, 2) = 23^{11} + 15 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 3, 1, 1) = 3 \cdot 23^{11} + 11 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 2, 3) = 17 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 2, 2, 1) = 7 \cdot 23^{11} + 11 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 2, 1, 2) = 22 \cdot 23^{11} + 9 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 2, 1, 1, 1) = 2 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 8 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 4) = 6 \cdot 23^{11} + 14 \cdot 23^{12} + 3 \cdot 23^{13} + 3 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 3, 1) = 15 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 2, 2) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 8 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 2, 1, 1) = 5 \cdot 23^{11} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 3) = 21 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 20 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 2, 1) = 4 \cdot 23^{11} + 8 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 2) = 14 \cdot 23^{11} + 4 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 1, 1) = 4 \cdot 23^{11} + 13 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 6) = 21 \cdot 23^{11} + 10 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 5, 1) = 6 \cdot 23^{11} + 2 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 4, 2) = 15 \cdot 23^{11} + 14 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 4, 1, 1) = 15 \cdot 23^{11} + 21 \cdot 23^{12} + 11 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 3, 3) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 5 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 3, 2, 1) = 15 \cdot 23^{11} + 14 \cdot 23^{12} + 8 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 3, 1, 2) = 21 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 3, 1, 1, 1) = 19 \cdot 23^{11} + 9 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 4) = 7 \cdot 23^{11} + 17 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 3, 1) = 20 \cdot 23^{11} + 22 \cdot 23^{12} + 21 \cdot 23^{13} + 3 \cdot 23^{14} + 21 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 2) = 11 \cdot 23^{11} + 6 \cdot 23^{12} + 17 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 2, 1, 1) = 10 \cdot 23^{11} + 13 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{14} + 3 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 3) = 12 \cdot 23^{11} + 14 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 3 \cdot 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 2, 1) = 16 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 2) = 22 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 1, 1) = 14 \cdot 23^{11} + 10 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 8 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 5) = 8 \cdot 23^{11} + 4 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 4, 1) = 16 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 3, 2) = 17 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 3, 1, 1) = 7 \cdot 23^{11} + 13 \cdot 23^{12} + 13 \cdot 23^{13} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 20 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 3) = 2 \cdot 23^{11} + 12 \cdot 23^{12} + 10 \cdot 23^{13} + 5 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 2, 1) = 21 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 2) = 6 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 1, 1) = 10 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 4) = 6 \cdot 23^{11} + 14 \cdot 23^{12} + 3 \cdot 23^{13} + 3 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 3, 1) = 18 \cdot 23^{12} + 5 \cdot 23^{13} + 21 \cdot 23^{14} + 19 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 2) = 18 \cdot 23^{11} + 8 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 1, 1) = 16 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 3) = 12 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 2, 1) = 18 \cdot 23^{11} + 11 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 7 \cdot 23^{15} + 19 \cdot 23^{16} + 3 \cdot 23^{17} + 7 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 2) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 7 \cdot 23^{11} + 2 \cdot 23^{12} + 6 \cdot 23^{13} + 19 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 4 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 7) = 16 \cdot 23^{11} + 22 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 6, 1) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 5, 2) = 18 \cdot 23^{11} + 5 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 5, 1, 1) = 16 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 23^{14} + 15 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 4, 3) = 21 \cdot 23^{11} + 17 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 4, 2, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 4, 1, 2) = 13 \cdot 23^{11} + 17 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 4, 1, 1, 1) = 3 \cdot 23^{12} + 6 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 4) = 2 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 3, 1) = 9 \cdot 23^{11} + 22 \cdot 23^{12} + 13 \cdot 23^{13} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 2, 2) = 8 \cdot 23^{11} + 2 \cdot 23^{12} + 15 \cdot 23^{14} + 7 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 2, 1, 1) = 13 \cdot 23^{11} + 15 \cdot 23^{12} + 16 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 3) = 5 \cdot 23^{11} + 20 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 2, 1) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 8 \cdot 23^{17} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 2) = 21 \cdot 23^{11} + 15 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 1) = 17 \cdot 23^{11} + 6 \cdot 23^{12} + 23^{13} + 23^{15} + 2 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 5) = 15 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 4, 1) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 22 \cdot 23^{14} + 6 \cdot 23^{16} + 14 \cdot 23^{17} + 20 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 3, 2) = 21 \cdot 23^{11} + 4 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 3, 1, 1) = 23^{11} + 16 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 3) = 19 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 2, 1) = 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 2) = 3 \cdot 23^{11} + 17 \cdot 23^{12} + 17 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 1, 1) = 13 \cdot 23^{11} + 19 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 4) = 7 \cdot 23^{11} + 17 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 3, 1) = 4 \cdot 23^{11} + 21 \cdot 23^{12} + 3 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 12 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 2) = 5 \cdot 23^{11} + 4 \cdot 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 15 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 1, 1) = 4 \cdot 23^{11} + 22 \cdot 23^{12} + 18 \cdot 23^{13} + 6 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 3) = 6 \cdot 23^{11} + 8 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 2, 1) = 3 \cdot 23^{11} + 9 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 2) = 10 \cdot 23^{11} + 5 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 9 \cdot 23^{11} + 6 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 6) = 3 \cdot 23^{11} + 2 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 5, 1) = 22 \cdot 23^{11} + 21 \cdot 23^{12} + 10 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 2 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 4, 2) = 23^{11} + 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 23^{16} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 4, 1, 1) = 23^{11} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 3) = 7 \cdot 23^{11} + 12 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 2, 1) = 7 \cdot 23^{11} + 3 \cdot 23^{12} + 2 \cdot 23^{13} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 2) = 2 \cdot 23^{11} + 17 \cdot 23^{12} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 1, 1) = 14 \cdot 23^{11} + 22 \cdot 23^{12} + 16 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 4) = 2 \cdot 23^{11} + 22 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 3, 1) = 20 \cdot 23^{11} + 14 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 2) = 3 \cdot 23^{11} + 12 \cdot 23^{12} + 14 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 1, 1) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 17 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 3) = 4 \cdot 23^{11} + 18 \cdot 23^{12} + 14 \cdot 23^{13} + 4 \cdot 23^{14} + 13 \cdot 23^{15} + 8 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 2, 1) = 19 \cdot 23^{11} + 15 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 20 \cdot 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 23^{11} + 14 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 10 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 5) = 6 \cdot 23^{11} + 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 4, 1) = 18 \cdot 23^{11} + 18 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 2) = 19 \cdot 23^{11} + 11 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 1, 1) = 10 \cdot 23^{11} + 5 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 3) = 16 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 2, 1) = 18 \cdot 23^{11} + 3 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 2) = 18 \cdot 23^{11} + 16 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 4 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 4) = 10 \cdot 23^{11} + 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 3, 1) = 9 \cdot 23^{12} + 15 \cdot 23^{13} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 2) = 4 \cdot 23^{11} + 15 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 21 \cdot 23^{11} + 16 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 3) = 3 \cdot 23^{11} + 6 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 22 \cdot 23^{11} + 19 \cdot 23^{12} + 15 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 23^{11} + 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 10 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 15 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 8) = 4 \cdot 23^{11} + 16 \cdot 23^{12} + 7 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 7, 1) = 22 \cdot 23^{11} + 15 \cdot 23^{12} + 12 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 6, 2) = 12 \cdot 23^{11} + 18 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 6, 1, 1) = 22 \cdot 23^{11} + 20 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 5, 3) = 14 \cdot 23^{11} + 22 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 5, 2, 1) = 17 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 3 \cdot 23^{18} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 5, 1, 2) = 3 \cdot 23^{11} + 21 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 5, 1, 1, 1) = 6 \cdot 23^{11} + 21 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 9 \cdot 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 4) = 6 \cdot 23^{11} + 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 3, 1) = 5 \cdot 23^{11} + 7 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 17 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 2, 2) = 7 \cdot 23^{11} + 11 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 2, 1, 1) = 19 \cdot 23^{11} + 14 \cdot 23^{12} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 17 \cdot 23^{17} + 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 3) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 2, 1) = 20 \cdot 23^{11} + 21 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 2) = 3 \cdot 23^{11} + 3 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 1, 1) = 16 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 5) = 22 \cdot 23^{11} + 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 4, 1) = 11 \cdot 23^{11} + 17 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 3 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 3, 2) = 20 \cdot 23^{11} + 17 \cdot 23^{12} + 18 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 3, 1, 1) = 14 \cdot 23^{11} + 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 3) = 15 \cdot 23^{11} + 10 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 2, 1) = 5 \cdot 23^{11} + 10 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 10 \cdot 23^{16} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 2) = 16 \cdot 23^{11} + 11 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 18 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 1, 1) = 18 \cdot 23^{11} + 5 \cdot 23^{12} + 20 \cdot 23^{13} + 16 \cdot 23^{14} + 10 \cdot 23^{15} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 4) = 8 \cdot 23^{11} + 4 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 3, 1) = 19 \cdot 23^{11} + 17 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 2) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 18 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 1, 1) = 3 \cdot 23^{11} + 20 \cdot 23^{12} + 20 \cdot 23^{13} + 13 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 3) = 17 \cdot 23^{11} + 13 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 2, 1) = 10 \cdot 23^{11} + 12 \cdot 23^{12} + 5 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 21 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 2) = 8 \cdot 23^{11} + 10 \cdot 23^{12} + 10 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{16} + 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 16 \cdot 23^{11} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 6) = 19 \cdot 23^{11} + 13 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 5, 1) = 5 \cdot 23^{11} + 3 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 4, 2) = 17 \cdot 23^{11} + 14 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 4, 1, 1) = 19 \cdot 23^{11} + 12 \cdot 23^{12} + 13 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 3) = 8 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 2, 1) = 20 \cdot 23^{11} + 21 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 10 \cdot 23^{16} + 3 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 2) = 12 \cdot 23^{11} + 14 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 1, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 3 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 4) = 15 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 3, 1) = 16 \cdot 23^{11} + 18 \cdot 23^{12} + 13 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 2) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 3 \cdot 23^{15} + 2 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 1, 1) = 17 \cdot 23^{11} + 15 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 3) = 20 \cdot 23^{11} + 12 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 2, 1) = 15 \cdot 23^{11} + 8 \cdot 23^{12} + 4 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 2) = 17 \cdot 23^{11} + 19 \cdot 23^{12} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 23^{11} + 16 \cdot 23^{12} + 5 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 15 \cdot 23^{17} + 10 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 5) = 22 \cdot 23^{11} + 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 4, 1) = 8 \cdot 23^{11} + 4 \cdot 23^{12} + 14 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 2) = 11 \cdot 23^{11} + 7 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 1, 1) = 5 \cdot 23^{11} + 11 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 3) = 9 \cdot 23^{11} + 21 \cdot 23^{12} + 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 2, 1) = 2 \cdot 23^{12} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 2) = 9 \cdot 23^{11} + 7 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 10 \cdot 23^{11} + 9 \cdot 23^{12} + 5 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 4) = 17 \cdot 23^{11} + 16 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 3, 1) = 2 \cdot 23^{11} + 16 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 2) = 17 \cdot 23^{11} + 15 \cdot 23^{12} + 6 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 22 \cdot 23^{11} + 23^{12} + 22 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 3) = 23^{11} + 15 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 8 \cdot 23^{11} + 18 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 16 \cdot 23^{11} + 10 \cdot 23^{12} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 14 \cdot 23^{11} + 11 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 17 \cdot 23^{15} + 22 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 7) = 4 \cdot 23^{11} + 8 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 14 \cdot 23^{17} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 6, 1) = 2 \cdot 23^{11} + 10 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 6 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 5, 2) = 5 \cdot 23^{11} + 2 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 5, 1, 1) = 9 \cdot 23^{11} + 4 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 23^{18} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 3) = 16 \cdot 23^{11} + 14 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 15 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 2, 1) = 7 \cdot 23^{11} + 20 \cdot 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 2) = 7 \cdot 23^{11} + 2 \cdot 23^{12} + 2 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 1, 1) = 4 \cdot 23^{11} + 13 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 4) = 3 \cdot 23^{11} + 2 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 3, 1) = 23^{11} + 14 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 6 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 2) = 11 \cdot 23^{11} + 20 \cdot 23^{12} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 1, 1) = 3 \cdot 23^{11} + 22 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 3) = 5 \cdot 23^{11} + 11 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 2, 1) = 22 \cdot 23^{11} + 14 \cdot 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 2) = 2 \cdot 23^{11} + 22 \cdot 23^{12} + 17 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 16 \cdot 23^{11} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 5) = 19 \cdot 23^{11} + 13 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 4, 1) = 5 \cdot 23^{11} + 17 \cdot 23^{12} + 3 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 2) = 19 \cdot 23^{11} + 8 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 1, 1) = 19 \cdot 23^{11} + 3 \cdot 23^{12} + 5 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 9 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 3) = 22 \cdot 23^{11} + 22 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 2, 1) = 23^{11} + 17 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 2) = 20 \cdot 23^{11} + 23^{12} + 7 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 9 \cdot 23^{11} + 6 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 4) = 21 \cdot 23^{11} + 10 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 3, 1) = 6 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 2) = 23^{12} + 9 \cdot 23^{13} + 15 \cdot 23^{14} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 13 \cdot 23^{11} + 11 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 3) = 21 \cdot 23^{13} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 17 \cdot 23^{11} + 16 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 10 \cdot 23^{11} + 22 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 4 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 20 \cdot 23^{11} + 22 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 10 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 6) = 4 \cdot 23^{11} + 8 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 14 \cdot 23^{17} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 5, 1) = 14 \cdot 23^{11} + 20 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 2) = 3 \cdot 23^{11} + 10 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 15 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 1, 1) = 2 \cdot 23^{11} + 12 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 3) = 8 \cdot 23^{11} + 17 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 17 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 2, 1) = 3 \cdot 23^{11} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 2) = 15 \cdot 23^{11} + 20 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 7 \cdot 23^{11} + 2 \cdot 23^{12} + 6 \cdot 23^{13} + 19 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 4 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 4) = 16 \cdot 23^{11} + 22 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 3, 1) = 3 \cdot 23^{11} + 19 \cdot 23^{12} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 2) = 20 \cdot 23^{11} + 3 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 18 \cdot 23^{11} + 19 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 14 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 3) = 22 \cdot 23^{11} + 22 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 14 \cdot 23^{11} + 14 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 23^{11} + 9 \cdot 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 14 \cdot 23^{11} + 11 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 17 \cdot 23^{15} + 22 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 5) = 4 \cdot 23^{11} + 16 \cdot 23^{12} + 7 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 4, 1) = 15 \cdot 23^{11} + 3 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 2) = 22 \cdot 23^{11} + 9 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 23^{11} + 6 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 3) = 20 \cdot 23^{11} + 9 \cdot 23^{12} + 3 \cdot 23^{14} + 9 \cdot 23^{15} + 20 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 4 \cdot 23^{11} + 13 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 2) = 7 \cdot 23^{11} + 20 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 1) = 15 \cdot 23^{11} + 19 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 4) = 13 \cdot 23^{11} + 8 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{15} + 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 1) = 5 \cdot 23^{11} + 11 \cdot 23^{12} + 22 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 2) = 15 \cdot 23^{11} + 7 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 1, 1) = 3 \cdot 23^{11} + 4 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 3) = 8 \cdot 23^{11} + 18 \cdot 23^{12} + 21 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2, 1) = 7 \cdot 23^{11} + 9 \cdot 23^{12} + 2 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 5 \cdot 23^{16} + 16 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 2) = 20 \cdot 23^{11} + 12 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \end{aligned}$$

**9.13. weight 12 case.**

$$\begin{aligned} \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(12) = O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(11, 1) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 10 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(10, 2) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(10, 1, 1) = 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(9, 3) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(9, 2, 1) = 12 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(9, 1, 2) = 9 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(9, 1, 1, 1) = 9 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(8, 4) = 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(8, 3, 1) = 18 \cdot 23^{13} + 4 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(8, 2, 2) = 20 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(8, 2, 1, 1) = 15 \cdot 23^{12} + 15 \cdot 23^{13} + 15 \cdot 23^{14} + 20 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(8, 1, 3) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(8, 1, 2, 1) = 19 \cdot 23^{12} + 22 \cdot 23^{13} + 17 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(8, 1, 1, 2) = 7 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(8, 1, 1, 1, 1) = 18 \cdot 23^{12} + 16 \cdot 23^{13} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(7, 5) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(7, 4, 1) = 7 \cdot 23^{13} + 14 \cdot 23^{14} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(7, 3, 2) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(7, 3, 1, 1) = 11 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(7, 2, 3) = 12 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 16 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\ \zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(7, 2, 2, 1) = 17 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(7, 2, 1, 2) = 4 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(7, 2, 1, 1, 1) = 2 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(7, 1, 4) = 10 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(7, 1, 3, 1) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(7, 1, 2, 2) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(7, 1, 2, 1, 1) = 9 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(7, 1, 1, 3) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(7, 1, 1, 2, 1) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(7, 1, 1, 1, 2) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(7, 1, 1, 1, 1, 1) = 11 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(6, 6) = O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(6, 5, 1) = 17 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(6, 4, 2) = 2 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(6, 4, 1, 1) = 10 \cdot 23^{12} + 7 \cdot 23^{14} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(6, 3, 3) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(6, 3, 2, 1) = 7 \cdot 23^{12} + 13 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(6, 3, 1, 2) = 13 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(6, 3, 1, 1, 1) = 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(6, 2, 4) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(6, 2, 3, 1) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(6, 2, 2, 2) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 11 \cdot 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(6, 2, 2, 1, 1) = 7 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(6, 2, 1, 3) = 7 \cdot 23^{12} + 2 \cdot 23^{13} + 21 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(6, 2, 1, 2, 1) = 4 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(6, 2, 1, 1, 2) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(6, 2, 1, 1, 1, 1) = 5 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(6, 1, 5) = 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(6, 1, 4, 1) = 11 \cdot 23^{12} + 6 \cdot 23^{13} + 12 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(6, 1, 3, 2) = 16 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(6, 1, 3, 1, 1) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 15 \cdot 23^{15} + 2 \cdot 23^{16} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(6, 1, 2, 3) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(6, 1, 2, 2, 1) = 11 \cdot 23^{12} + 14 \cdot 23^{13} + 3 \cdot 23^{14} + 16 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(6, 1, 2, 1, 2) = 22 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(6, 1, 2, 1, 1, 1) = 15 \cdot 23^{12} + 14 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 6 \cdot 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(6, 1, 1, 4) = 11 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(6, 1, 1, 3, 1) = 8 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(6, 1, 1, 2, 2) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(6, 1, 1, 2, 1, 1) = 16 \cdot 23^{12} + 23^{13} + 23^{14} + 18 \cdot 23^{15} + 13 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(6, 1, 1, 1, 3) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(6, 1, 1, 1, 2, 1) = 21 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 11 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(6, 1, 1, 1, 1, 2) = 13 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(6, 1, 1, 1, 1, 1, 1) = 12 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 23^{15} + 23^{16} + 12 \cdot 23^{17} + 19 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(5, 7) = 7 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 4 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(5, 6, 1) = 12 \cdot 23^{12} + 12 \cdot 23^{13} + 7 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(5, 5, 2) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(5, 5, 1, 1) = 8 \cdot 23^{13} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(5, 4, 3) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(5, 4, 2, 1) = 12 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(5, 4, 1, 2) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(5, 4, 1, 1, 1) = 7 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(5, 3, 4) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(5, 3, 3, 1) = 2 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(5, 3, 2, 2) = 22 \cdot 23^{12} + 6 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(5, 3, 2, 1, 1) = 11 \cdot 23^{12} + 6 \cdot 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(5, 3, 1, 3) = 7 \cdot 23^{12} + 15 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(5, 3, 1, 2, 1) = 2 \cdot 23^{12} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(5, 3, 1, 1, 2) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(5, 3, 1, 1, 1, 1) = 19 \cdot 23^{13} + 11 \cdot 23^{14} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(5, 2, 5) = 21 \cdot 23^{12} + 16 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(5, 2, 4, 1) = 21 \cdot 23^{12} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(5, 2, 3, 2) = 17 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(5, 2, 3, 1, 1) = 4 \cdot 23^{12} + 12 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(5, 2, 2, 3) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(5, 2, 2, 2, 1) = 12 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(5, 2, 2, 1, 2) = 12 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 5 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(5, 2, 2, 1, 1, 1) = 9 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(5, 2, 1, 4) = 4 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(5, 2, 1, 3, 1) = 17 \cdot 23^{12} + 10 \cdot 23^{13} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(5, 2, 1, 2, 2) = 15 \cdot 23^{12} + 2 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(5, 2, 1, 2, 1, 1) = 7 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(5, 2, 1, 1, 3) = 7 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(5, 2, 1, 1, 2, 1) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(5, 2, 1, 1, 1, 2) = 16 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(5, 2, 1, 1, 1, 1) = 7 \cdot 23^{12} + 3 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 4 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(5, 1, 6) = 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(5, 1, 5, 1) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(5, 1, 4, 2) = 11 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(5, 1, 4, 1, 1) = 20 \cdot 23^{12} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(5, 1, 3, 3) = 10 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 13 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(5, 1, 3, 2, 1) = 19 \cdot 23^{12} + 16 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(5, 1, 3, 1, 2) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(5, 1, 3, 1, 1, 1) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(5, 1, 2, 4) = 22 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(5, 1, 2, 3, 1) = 3 \cdot 23^{12} + 5 \cdot 23^{13} + 13 \cdot 23^{15} + 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(5, 1, 2, 2, 2) = 18 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 16 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(5, 1, 2, 2, 1, 1) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(5, 1, 2, 1, 3) = 10 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(5, 1, 2, 1, 2, 1) = 5 \cdot 23^{12} + 3 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(5, 1, 2, 1, 1, 2) = 9 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(5, 1, 2, 1, 1, 1, 1) = 13 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(5, 1, 1, 5) = 7 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(5, 1, 1, 4, 1) = 17 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(5, 1, 1, 3, 2) = 17 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(5, 1, 1, 3, 1, 1) = 9 \cdot 23^{12} + 19 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(5, 1, 1, 2, 3) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(5, 1, 1, 2, 2, 1) = 21 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(5, 1, 1, 2, 1, 2) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(5, 1, 1, 2, 1, 1, 1) = 4 \cdot 23^{12} + 21 \cdot 23^{13} + 11 \cdot 23^{14} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(5, 1, 1, 1, 4) = 4 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(5, 1, 1, 1, 3, 1) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(5, 1, 1, 1, 2, 2) = 20 \cdot 23^{12} + 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(5, 1, 1, 1, 2, 1, 1) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(5, 1, 1, 1, 3) = 7 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(5, 1, 1, 1, 2, 1) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(5, 1, 1, 1, 1, 2) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(5, 1, 1, 1, 1, 1, 1) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 5 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(4, 8) = 22 \cdot 23^{12} + 15 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(4, 7, 1) = 15 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 11 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 6, 2) = 20 \cdot 23^{12} + 8 \cdot 23^{14} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 6, 1, 1) = 18 \cdot 23^{12} + 13 \cdot 23^{13} + 8 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 5, 3) = 10 \cdot 23^{12} + 15 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 5, 2, 1) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 5, 1, 2) = 21 \cdot 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 5, 1, 1, 1) = 18 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 19 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 4, 4) = O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 4, 3, 1) = 4 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 4, 2, 2) = 8 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 4, 2, 1, 1) = 19 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{15} + 15 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 4, 1, 3) = 9 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 4, 1, 2, 1) = 8 \cdot 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{14} + 5 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 4, 1, 1, 2) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 4, 1, 1, 1, 1) = 2 \cdot 23^{12} + 15 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 8 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 3, 5) = 7 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 3, 4, 1) = 10 \cdot 23^{12} + 18 \cdot 23^{13} + 22 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 3, 3, 2) = 7 \cdot 23^{12} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 3, 3, 1, 1) = 5 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 3, 2, 3) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 3, 2, 2, 1) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 2 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 3, 2, 1, 2) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 3, 2, 1, 1, 1) = 5 \cdot 23^{12} + 4 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 3, 1, 4) = 6 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 3, 1, 3, 1) = 18 \cdot 23^{12} + 17 \cdot 23^{13} + 4 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 3, 1, 2, 2) = 16 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 3, 1, 2, 1, 1) = 7 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 3, 1, 1, 3) = 15 \cdot 23^{12} + 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 3, 1, 1, 2, 1) = 4 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 3, 1, 1, 1, 2) = 9 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 3, 1, 1, 1, 1) = 21 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 19 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(4, 2, 6) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(4, 2, 5, 1) = 22 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 2, 4, 2) = 3 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 2, 4, 1, 1) = 12 \cdot 23^{12} + 22 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 2, 3, 3) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 2, 3, 2, 1) = 2 \cdot 23^{12} + 11 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 2, 3, 1, 2) = 2 \cdot 23^{12} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 2, 3, 1, 1, 1) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 2, 2, 4) = 22 \cdot 23^{12} + 5 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 2, 2, 3, 1) = 8 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 16 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 2, 2, 2, 2) = 3 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 2, 2, 2, 1, 1) = 11 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 2, 2, 1, 3) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 2, 2, 1, 2, 1) = 6 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 2, 2, 1, 1, 2) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 2, 2, 1, 1, 1, 1) = 13 \cdot 23^{12} + 21 \cdot 23^{13} + 14 \cdot 23^{14} + 8 \cdot 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 2, 1, 5) = 10 \cdot 23^{12} + 4 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 2, 1, 4, 1) = 21 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 2, 1, 3, 2) = 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 2, 1, 3, 1, 1) = 16 \cdot 23^{12} + 5 \cdot 23^{13} + 11 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 2, 1, 2, 3) = 17 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 2, 1, 2, 2, 1) = 21 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 8 \cdot 23^{17} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 2, 1, 2, 1, 2) = 14 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 2, 1, 2, 1, 1, 1) = 12 \cdot 23^{12} + 18 \cdot 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 2, 1, 1, 4) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 2, 1, 1, 3, 1) = 22 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 2, 1, 1, 2, 2) = 17 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 2, 1, 1, 2, 1, 1) = 7 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 2, 1, 1, 1, 3) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 21 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 2, 1, 1, 1, 2, 1) = 14 \cdot 23^{12} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 2, 1, 1, 1, 1, 2) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 2, 1, 1, 1, 1, 1, 1) = 20 \cdot 23^{12} + 16 \cdot 23^{13} + 11 \cdot 23^{14} + 10 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 7) = 12 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 6, 1) = 22 \cdot 23^{12} + 6 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 5, 2) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 5, 1, 1) = 9 \cdot 23^{12} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 18 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 4, 3) = 13 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 4, 2, 1) = 23^{12} + 10 \cdot 23^{13} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 18 \cdot 23^{16} + 13 \cdot 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 4, 1, 2) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 4, 1, 1, 1) = 3 \cdot 23^{12} + 16 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 17 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 3, 4) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 3, 3, 1) = 11 \cdot 23^{12} + 12 \cdot 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 3, 2, 2) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 3, 2, 1, 1) = 22 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{16} + 23^{17} + 18 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 3, 1, 3) = 19 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 3, 1, 2, 1) = 6 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 3, 1, 1, 2) = 21 \cdot 23^{12} + 5 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 3, 1, 1, 1, 1) = 18 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 2, 5) = 5 \cdot 23^{12} + 6 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 2, 4, 1) = 15 \cdot 23^{12} + 5 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 2, 3, 2) = 7 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 2, 3, 1, 1) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 2, 2, 3) = 7 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 2, 2, 2, 1) = 20 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 2, 2, 1, 2) = 20 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 2, 2, 1, 1, 1) = 12 \cdot 23^{12} + 14 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 3 \cdot 23^{16} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 2, 1, 4) = 4 \cdot 23^{12} + 9 \cdot 23^{13} + 3 \cdot 23^{14} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 2, 1, 3, 1) = 18 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 2, 1, 2, 2) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 2, 1, 2, 1, 1) = 5 \cdot 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 2, 1, 1, 3) = 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 2, 1, 1, 2, 1) = 4 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 2, 1, 1, 1, 2) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 2, 1, 1, 1, 1, 1) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 6) = 14 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 5, 1) = 10 \cdot 23^{12} + 5 \cdot 23^{13} + 7 \cdot 23^{14} + 10 \cdot 23^{15} + 21 \cdot 23^{17} + 20 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 4, 2) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 4, 1, 1) = 8 \cdot 23^{12} + 22 \cdot 23^{13} + 16 \cdot 23^{15} + 16 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 3, 3) = 12 \cdot 23^{12} + 19 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 3, 2, 1) = 21 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 3, 1, 2) = 21 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 3, 1, 1, 1) = 4 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 2, 4) = 9 \cdot 23^{12} + 17 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 2, 3, 1) = 17 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 2, 2, 2) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 22 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 2, 2, 1, 1) = 11 \cdot 23^{12} + 17 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 2, 1, 3) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 2, 1, 2, 1) = 6 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 2, 1, 1, 2) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 23^{12} + 2 \cdot 23^{13} + 18 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 18 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 5) = 18 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 4, 1) = 14 \cdot 23^{13} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 3, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 3, 1, 1) = 18 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 2, 3) = 10 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{15} + 9 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 2, 2, 1) = 21 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 2, 1, 2) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 2, 1, 1, 1) = 15 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 4) = 4 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 3, 1) = 9 \cdot 23^{12} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 2, 2) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 2, 1, 1) = 21 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 3) = 21 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 2, 1) = 21 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 1, 2) = 7 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 13 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 9) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 8, 1) = 9 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 14 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 7, 2) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 7, 1, 1) = 6 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 23^{17} + 4 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 6, 3) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 6, 2, 1) = 18 \cdot 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 6, 1, 2) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 6, 1, 1, 1) = 21 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 5, 4) = 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 5, 3, 1) = 21 \cdot 23^{12} + 6 \cdot 23^{13} + 15 \cdot 23^{14} + 2 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 4 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 5, 2, 2) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 5, 2, 1, 1) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 5, 1, 3) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 5, 1, 2, 1) = 22 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 5 \cdot 23^{16} + 2 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 5, 1, 1, 2) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 5, 1, 1, 1, 1) = 2 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 13 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 4, 5) = 9 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 4, 4, 1) = 13 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 4, 3, 2) = 2 \cdot 23^{12} + 4 \cdot 23^{13} + 21 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 4, 3, 1, 1) = 7 \cdot 23^{12} + 13 \cdot 23^{14} + 19 \cdot 23^{16} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 4, 2, 3) = 10 \cdot 23^{12} + 23^{13} + 10 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 4, 2, 2, 1) = 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 4, 2, 1, 2) = 4 \cdot 23^{13} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 4, 2, 1, 1, 1) = 22 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 4, 1, 4) = 15 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 4, 1, 3, 1) = 11 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 4, 1, 2, 2) = 15 \cdot 23^{12} + 23^{13} + 11 \cdot 23^{14} + 23^{15} + 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 4, 1, 2, 1, 1) = 4 \cdot 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 4, 1, 1, 3) = 11 \cdot 23^{12} + 22 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 4, 1, 1, 2, 1) = 22 \cdot 23^{12} + 19 \cdot 23^{13} + 12 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 4, 1, 1, 1, 2) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 4, 1, 1, 1, 1, 1) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 3, 6) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 3 \cdot 23^{15} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 3, 5, 1) = 14 \cdot 23^{12} + 18 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 9 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 3, 4, 2) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 3, 4, 1, 1) = 16 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 3, 3, 3) = 16 \cdot 23^{12} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 3, 3, 2, 1) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 9 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 3, 3, 1, 2) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 3, 3, 1, 1, 1) = 22 \cdot 23^{12} + 21 \cdot 23^{13} + 2 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 3, 2, 4) = 4 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 3, 2, 3, 1) = 7 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 3, 2, 2, 2) = 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 3, 2, 2, 1, 1) = 10 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 3, 2, 1, 3) = 23^{12} + 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 14 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 3, 2, 1, 2, 1) = 17 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 3, 2, 1, 1, 2) = 14 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 20 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 3, 2, 1, 1, 1, 1) = 11 \cdot 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 3, 1, 5) = 5 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 3, 1, 4, 1) = 16 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 3, 1, 3, 2) = 23^{12} + 7 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 3, 1, 3, 1, 1) = 13 \cdot 23^{12} + 21 \cdot 23^{13} + 2 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 3, 1, 2, 3) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 3, 1, 2, 2, 1) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 3, 1, 2, 1, 2) = 4 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 18 \cdot 23^{16} + 21 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 3, 1, 2, 1, 1, 1) = 14 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 3, 1, 1, 4) = 12 \cdot 23^{12} + 11 \cdot 23^{13} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 3, 1, 1, 3, 1) = 5 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 3, 1, 1, 2, 2) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 3, 1, 1, 2, 1, 1) = 21 \cdot 23^{12} + 5 \cdot 23^{13} + 10 \cdot 23^{14} + 21 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 3, 1, 1, 1, 3) = 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 3, 1, 1, 1, 2, 1) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 20 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 3, 1, 1, 1, 1, 2) = 22 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 3, 1, 1, 1, 1, 1, 1) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 17 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 7) = 3 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 6, 1) = 9 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 5, 2) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 5, 1, 1) = 4 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 4, 3) = 20 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 4, 2, 1) = 14 \cdot 23^{12} + 13 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 4, 1, 2) = 20 \cdot 23^{12} + 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 4, 1, 1, 1) = 14 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 3, 4) = 10 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 3, 3, 1) = 23^{12} + 12 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 3, 2, 2) = 11 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 3, 2, 1, 1) = 9 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 3, 1, 3) = 21 \cdot 23^{12} + 6 \cdot 23^{13} + 21 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 3, 1, 2, 1) = 21 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 3, 1, 1, 2) = 20 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 3, 1, 1, 1, 1) = 7 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 2, 5) = 9 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 2, 4, 1) = 7 \cdot 23^{12} + 6 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 2, 3, 2) = 11 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 2, 3, 1, 1) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 10 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 2, 2, 3) = 22 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 2, 2, 2, 1) = 19 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 5 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 2, 2, 1, 2) = 2 \cdot 23^{12} + 6 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 2, 2, 1, 1, 1) = 3 \cdot 23^{12} + 10 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 2, 1, 4) = 19 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 2, 1, 3, 1) = 2 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 2, 1, 2, 2) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 2, 1, 2, 1, 1) = 17 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 2, 1, 1, 3) = 17 \cdot 23^{12} + 13 \cdot 23^{13} + 21 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 2, 1, 1, 2, 1) = 20 \cdot 23^{12} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 6 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 2, 1, 1, 1, 2) = 12 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 5 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 2, 1, 1, 1, 1, 1) = 22 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 6) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 5, 1) = 11 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 4, 2) = 3 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 4, 1, 1) = 19 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 16 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 1, 3, 3) = 2 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 15 \cdot 23^{15} + 20 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 1, 3, 2, 1) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 3, 1, 2) = 4 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 3, 1, 1, 1) = 20 \cdot 23^{14} + 10 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 2, 4) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 2, 3, 1) = 22 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 2, 2, 2) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 2, 2, 1, 1) = 13 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 1, 2, 1, 3) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 1, 2, 1, 2, 1) = 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 2, 1, 1, 2) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 2, 1, 1, 1, 1) = 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 5) = 15 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 1, 4, 1) = 9 \cdot 23^{12} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 3, 2) = 22 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 3, 1, 1) = 3 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 2, 3) = 2 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 2, 1, 1, 2, 2, 1) = 17 \cdot 23^{12} + 11 \cdot 23^{14} + 19 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 2, 1, 2) = 4 \cdot 23^{13} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 2, 1, 1, 1) = 20 \cdot 23^{12} + 21 \cdot 23^{13} + 22 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 4) = 8 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 3, 1) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 19 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 2, 2) = 5 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 2, 1, 1) = 18 \cdot 23^{12} + 18 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 3) = 7 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 2, 1) = 8 \cdot 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 8) = 11 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 7, 1) = 2 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 6, 2) = 21 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 6, 1, 1) = 3 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 5, 3) = 22 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 5, 2, 1) = 17 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 5, 1, 2) = 18 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 5, 1, 1, 1) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 4, 4) = 13 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 4, 3, 1) = 13 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 6 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 4, 2, 2) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 4, 2, 1, 1) = 3 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 4, 1, 3) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 4, 1, 2, 1) = 8 \cdot 23^{12} + 19 \cdot 23^{13} + 6 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 4, 1, 1, 2) = 21 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 4, 1, 1, 1, 1) = 11 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{16} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 3, 5) = 2 \cdot 23^{12} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 3, 4, 1) = 3 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 3, 3, 2) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 3, 3, 1, 1) = 4 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 3, 2, 3) = 7 \cdot 23^{14} + 14 \cdot 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 18 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 3, 2, 2, 1) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 6 \cdot 23^{15} + 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 3, 2, 1, 2) = 4 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 3, 2, 1, 1, 1) = 3 \cdot 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 3, 1, 4) = 8 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 3, 1, 3, 1) = 4 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 3, 1, 2, 2) = 4 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 3, 1, 2, 1, 1) = 15 \cdot 23^{12} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 3, 1, 1, 3) = 12 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 3, 1, 1, 2, 1) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 3, 1, 1, 1, 2) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 3, 1, 1, 1, 1, 1) = 17 \cdot 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 6) = 22 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 5, 1) = 23^{12} + 10 \cdot 23^{13} + 2 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 12 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 4, 2) = 23^{12} + 16 \cdot 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 4, 1, 1) = 11 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 3, 3) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 3, 2, 1) = 22 \cdot 23^{12} + 5 \cdot 23^{13} + 13 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 3, 1, 2) = 18 \cdot 23^{12} + 9 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 16 \cdot 23^{17} + 10 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 3, 1, 1, 1) = 7 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 2, 4) = 9 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 2, 3, 1) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 2, 2, 2) = 22 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 2, 2, 1, 1) = 2 \cdot 23^{12} + 17 \cdot 23^{13} + 4 \cdot 23^{14} + 7 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 2, 1, 3) = 6 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 2, 1, 2, 1) = 6 \cdot 23^{12} + 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 2, 1, 1, 2) = 2 \cdot 23^{12} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 2, 1, 1, 1, 1) = 16 \cdot 23^{12} + 20 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 5) = 20 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 1, 4, 1) = 3 \cdot 23^{12} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 3, 2) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 3, 1, 1) = 16 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 13 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 2, 3) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 1, 2, 2, 1) = 15 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 13 \cdot 23^{17} + 12 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 2, 1, 2) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 2, 1, 1, 1) = 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 4) = 11 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 3, 1) = 12 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 2, 2) = 18 \cdot 23^{12} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 2, 1, 1) = 9 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 3) = 9 \cdot 23^{12} + 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 2, 1) = 13 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 19 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 1, 2) = 13 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 14 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 7) = 8 \cdot 23^{12} + 16 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 6, 1) = 10 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 5, 2) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 5, 1, 1) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 22 \cdot 23^{17} + 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 4, 3) = 15 \cdot 23^{12} + 4 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 4, 2, 1) = 3 \cdot 23^{12} + 15 \cdot 23^{13} + 20 \cdot 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 15 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 4, 1, 2) = 14 \cdot 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 4, 1, 1, 1) = 16 \cdot 23^{12} + 6 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 3, 4) = 12 \cdot 23^{12} + 15 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 3, 3, 1) = 2 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 3, 2, 2) = 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 3, 2, 1, 1) = 5 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 3, 1, 3) = 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 3, 1, 2, 1) = 14 \cdot 23^{12} + 22 \cdot 23^{13} + 8 \cdot 23^{14} + 7 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 3, 1, 1, 2) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 3, 1, 1, 1, 1) = 4 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 8 \cdot 23^{17} + 7 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 5) = 20 \cdot 23^{12} + 2 \cdot 23^{13} + 18 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 4, 1) = 14 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 3, 2) = 15 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 3, 1, 1) = 19 \cdot 23^{12} + 13 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 2, 3) = 18 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 2, 2, 1) = 6 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 4 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 2, 1, 2) = 20 \cdot 23^{12} + 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 2, 1, 1, 1) = 4 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 4) = 11 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 3, 1) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 17 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 2, 2) = 12 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 2, 1, 1) = 8 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 3) = 18 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 2 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 2, 1) = 19 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 19 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 1, 2) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 23^{12} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 6) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 5, 1) = 12 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 4, 2) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 4, 1, 1) = 20 \cdot 23^{12} + 2 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 3, 3) = 17 \cdot 23^{12} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 3, 2, 1) = 16 \cdot 23^{12} + 5 \cdot 23^{13} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 3, 1, 2) = 18 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 3, 1, 1, 1) = 12 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 17 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 4) = 16 \cdot 23^{12} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 3, 1) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 2, 2) = 23^{12} + 10 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 3) = 17 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 2, 1) = 5 \cdot 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 22 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 1, 2) = 21 \cdot 23^{12} + 17 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 17 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 12 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 5) = 16 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 4, 1) = 10 \cdot 23^{12} + 17 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 3, 2) = 6 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 3, 1, 1) = 20 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 3) = 2 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 2, 1) = 9 \cdot 23^{12} + 21 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 20 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 1, 2) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 2, 1, 1, 1) = 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 4) = 14 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 3, 1) = 16 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 12 \cdot 23^{17} + 16 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 3) = 8 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 2, 1) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 11 \cdot 23^{17} + 8 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 1, 2) = 9 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 11 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 10) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 9, 1) = 6 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 8, 2) = 14 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 8, 1, 1) = 19 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 7, 3) = 6 \cdot 23^{12} + 18 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 7, 2, 1) = 7 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 7, 1, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 7, 1, 1, 1) = 16 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 16 \cdot 23^{16} + 12 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 6, 4) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 6, 3, 1) = 13 \cdot 23^{12} + 10 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 6, 2, 2) = 2 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 6, 2, 1, 1) = 18 \cdot 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 2 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 6, 1, 3) = 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 6, 1, 2, 1) = 15 \cdot 23^{12} + 4 \cdot 23^{13} + 7 \cdot 23^{14} + 10 \cdot 23^{15} + 7 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 6, 1, 1, 2) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 6, 1, 1, 1, 1) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 14 \cdot 23^{16} + 6 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 5, 5) = 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 5, 4, 1) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 5, 3, 2) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 5, 3, 1, 1) = 15 \cdot 23^{12} + 22 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 5, 2, 3) = 12 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 5, 2, 2, 1) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 5, 2, 1, 2) = 5 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 5, 2, 1, 1, 1) = 18 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 9 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 5, 1, 4) = 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 5, 1, 3, 1) = 20 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 5, 1, 2, 2) = 11 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 5, 1, 2, 1, 1) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 5, 1, 1, 3) = 12 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 5, 1, 1, 2, 1) = 6 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 17 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 5, 1, 1, 1, 2) = 20 \cdot 23^{12} + 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 5, 1, 1, 1, 1, 1) = 13 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 4, 6) = 16 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 10 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 4, 5, 1) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 4, 4, 2) = 5 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 4, 4, 1, 1) = 7 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 4, 3, 3) = 11 \cdot 23^{12} + 16 \cdot 23^{13} + 11 \cdot 23^{14} + 5 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 4, 3, 2, 1) = 15 \cdot 23^{12} + 12 \cdot 23^{13} + 21 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 4, 3, 1, 2) = 18 \cdot 23^{12} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 4, 3, 1, 1, 1) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 4, 2, 4) = 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 4, 2, 3, 1) = 2 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 4, 2, 2, 2) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 4, 2, 2, 1, 1) = 8 \cdot 23^{13} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 4, 2, 1, 3) = 19 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 4, 2, 1, 2, 1) = 18 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 4, 2, 1, 1, 2) = 17 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 4, 2, 1, 1, 1, 1) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 4, 1, 5) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{15} + 11 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 4, 1, 4, 1) = 12 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 4, 1, 3, 2) = 15 \cdot 23^{13} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 4, 1, 3, 1, 1) = 22 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 6 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 4, 1, 2, 3) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 4, 1, 2, 2, 1) = 5 \cdot 23^{12} + 4 \cdot 23^{13} + 23^{14} + 16 \cdot 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 4, 1, 2, 1, 2) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 4, 1, 2, 1, 1, 1) = 23^{12} + 14 \cdot 23^{13} + 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 15 \cdot 23^{17} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 4, 1, 1, 4) = 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 4, 1, 1, 3, 1) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 3 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 4, 1, 1, 2, 2) = 5 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 4, 1, 1, 2, 1, 1) = 17 \cdot 23^{12} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 4, 1, 1, 1, 3) = 21 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 4, 1, 1, 1, 2, 1) = 10 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 4, 1, 1, 1, 1, 2) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 4, 1, 1, 1, 1, 1, 1) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 5 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 7) = 22 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 6, 1) = 6 \cdot 23^{12} + 19 \cdot 23^{13} + 13 \cdot 23^{14} + 16 \cdot 23^{15} + 8 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 5, 2) = 2 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 5, 1, 1) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 11 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 4, 3) = 4 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 4, 2, 1) = 9 \cdot 23^{13} + 2 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 4, 1, 2) = 12 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 4, 1, 1, 1) = 3 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 3, 4) = 19 \cdot 23^{12} + 7 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 3, 3, 1) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 3, 2, 2) = 20 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 3, 2, 1, 1) = 3 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 3, 1, 3) = 13 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 19 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 3, 1, 2, 1) = 20 \cdot 23^{12} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 3, 1, 1, 2) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 3, 1, 1, 1, 1) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 2, 5) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 2, 4, 1) = 4 \cdot 23^{12} + 6 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 2, 3, 2) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 4 \cdot 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 2, 3, 1, 1) = 13 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 2, 2, 3) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 2, 2, 2, 1) = 4 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 2, 2, 1, 2) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 2, 2, 1, 1, 1) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 5 \cdot 23^{18} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 2, 1, 4) = 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 2, 1, 3, 1) = 5 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 2, 1, 2, 2) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 8 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 2, 1, 2, 1, 1) = 20 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 2, 1, 1, 3) = 21 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 2, 1, 1, 2, 1) = 16 \cdot 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 2, 1, 1, 1, 2) = 15 \cdot 23^{12} + 2 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 11 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 2, 1, 1, 1, 1) = 15 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 6) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 5, 1) = 20 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 4, 2) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 4, 1, 1) = 10 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 3, 3) = 8 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 3, 2, 1) = 15 \cdot 23^{12} + 14 \cdot 23^{13} + 21 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 2 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 3, 1, 2) = 4 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 3, 1, 1) = 2 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 2, 4) = 23^{12} + 12 \cdot 23^{13} + 12 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 2, 3, 1) = 5 \cdot 23^{12} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 17 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 2, 2, 2) = 20 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 2, 2, 1, 1) = 21 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 2, 1, 3) = 20 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 2, 1, 2, 1) = 5 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 19 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 2, 1, 1, 2) = 16 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 2, 1, 1, 1) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 5) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 4, 1) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 14 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 3, 2) = 14 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 3, 1, 1) = 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 2, 3) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 2, 2, 1) = 3 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 2, 1, 2) = 15 \cdot 23^{12} + 23^{13} + 11 \cdot 23^{14} + 23^{15} + 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 2, 1, 1) = 9 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 4) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 3, 1) = 2 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 2, 2) = 11 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 2, 1, 1) = 11 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 3) = 18 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 2, 1) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 14 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 11 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 1, 2) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 23^{12} + 19 \cdot 23^{13} + 15 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 8) = 12 \cdot 23^{12} + 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 7, 1) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 6, 2) = 23^{12} + 7 \cdot 23^{13} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 6, 1, 1) = 19 \cdot 23^{12} + 23^{13} + 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 22 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 5, 3) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 5, 2, 1) = 19 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 5, 1, 2) = 23^{12} + 10 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 5, 1, 1, 1) = 22 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 4, 4) = 7 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 4, 3, 1) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 4, 2, 2) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 4, 2, 1, 1) = 19 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 4, 1, 3) = 4 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 4, 1, 2, 1) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 4, 1, 1, 2) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 22 \cdot 23^{16} + 11 \cdot 23^{17} + 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 4, 1, 1, 1, 1) = 17 \cdot 23^{12} + 18 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 3, 5) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 3, 4, 1) = 4 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 3, 3, 2) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 3, 3, 1, 1) = 21 \cdot 23^{12} + 14 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 13 \cdot 23^{17} + 15 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 3, 2, 3) = 6 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 3, 2, 2, 1) = 12 \cdot 23^{12} + 13 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 3, 2, 1, 2) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 12 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 3, 2, 1, 1, 1) = 15 \cdot 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 5 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 3, 1, 4) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 3, 1, 3, 1) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 3, 1, 2, 2) = 20 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 3, 1, 2, 1, 1) = 4 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 3, 1, 1, 3) = 13 \cdot 23^{13} + 19 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 3, 1, 1, 2, 1) = 19 \cdot 23^{12} + 4 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 3, 1, 1, 1, 2) = 18 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 16 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 3, 1, 1, 1, 1) = 18 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 6) = 2 \cdot 23^{12} + 18 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 5, 1) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 4, 2) = 11 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 4, 1, 1) = 20 \cdot 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 3, 3) = 19 \cdot 23^{13} + 15 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 3, 2, 1) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 3, 1, 2) = 22 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 3, 1, 1, 1) = 6 \cdot 23^{12} + 10 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 2, 4) = 18 \cdot 23^{12} + 7 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 2, 3, 1) = 18 \cdot 23^{12} + 11 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 2, 2, 2) = O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 2, 2, 1, 1) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 3 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 2, 1, 3) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 2, 1, 2, 1) = 16 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 2, 1, 1, 2) = 3 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 2, 1, 1, 1, 1) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 5) = 20 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 4, 1) = 6 \cdot 23^{12} + 5 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 13 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 3, 2) = 6 \cdot 23^{12} + 9 \cdot 23^{14} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 20 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 3, 1, 1) = 13 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 23^{15} + 17 \cdot 23^{16} + 2 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 2, 3) = 2 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 2, 2, 1) = 17 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 2, 1, 2) = 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 2, 1, 1, 1) = 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 4) = 17 \cdot 23^{12} + 15 \cdot 23^{13} + 16 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 3, 1) = 3 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 2, 2) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 2, 1, 1) = 23^{12} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 3) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 2, 1) = 13 \cdot 23^{12} + 14 \cdot 23^{13} + 2 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 1, 2) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 11 \cdot 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 2, 1, 1, 1, 1, 1) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 7) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 6, 1) = 21 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 5, 2) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 6 \cdot 23^{15} + 19 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 5, 1, 1) = 4 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 4, 3) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 4, 2, 1) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 4, 1, 2) = 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 12 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 4, 1, 1, 1) = 12 \cdot 23^{12} + 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 3, 4) = 13 \cdot 23^{12} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 3, 3, 1) = 18 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 3, 2, 2) = 5 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{16} + 6 \cdot 23^{17} + 5 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 3, 2, 1, 1) = 6 \cdot 23^{13} + 17 \cdot 23^{14} + 16 \cdot 23^{15} + 10 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 3, 1, 3) = 16 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 3 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 3, 1, 2, 1) = 17 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 3, 1, 1, 2) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 3, 1, 1, 1) = 12 \cdot 23^{12} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 21 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 5) = 22 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 4, 1) = 17 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 3, 2) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 17 \cdot 23^{16} + 5 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 3, 1, 1) = 6 \cdot 23^{13} + 3 \cdot 23^{14} + 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{17} + 4 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 2, 3) = 9 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 2, 2, 1) = 2 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 2, 1, 2) = 11 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 2, 1, 1, 1) = 19 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 4) = 14 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 3, 1) = 20 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 2, 2) = 20 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 2, 1, 1) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 3) = 20 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 2, 1) = 4 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 1, 2) = 22 \cdot 23^{12} + 6 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 2, 1, 1, 1, 1) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 15 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 6) = 9 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 5, 1) = 7 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 4, 2) = 7 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 4 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 4, 1, 1) = 8 \cdot 23^{12} + 18 \cdot 23^{13} + 15 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 3, 3) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 3, 2, 1) = 13 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 7 \cdot 23^{17} + 11 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 3, 1, 2) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 3, 1, 1, 1) = 18 \cdot 23^{12} + 5 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 4 \cdot 23^{16} + 14 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 4) = 4 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 3, 1) = 22 \cdot 23^{12} + 7 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 2, 2) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 5 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 7 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 2, 1, 1) = 4 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 3) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 2, 1) = 13 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 1, 2) = 8 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 2 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 5) = 17 \cdot 23^{12} + 14 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 4, 1) = 19 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 3, 2) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 3, 1, 1) = 7 \cdot 23^{12} + 11 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 15 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 3) = 15 \cdot 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 2, 1) = 21 \cdot 23^{12} + 4 \cdot 23^{13} + 15 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 1, 2) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 16 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 4) = 20 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 3, 1) = 21 \cdot 23^{12} + 18 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 6 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 2, 2) = 2 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 22 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 3) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 20 \cdot 23^{17} + 9 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 23^{12} + 18 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{16} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 20 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 20 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 9) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 21 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 8, 1) = 10 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 7, 2) = 4 \cdot 23^{12} + 10 \cdot 23^{14} + 21 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 7, 1, 1) = 2 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 6, 3) = 8 \cdot 23^{12} + 14 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 6, 2, 1) = 14 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 6, 1, 2) = 6 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 6, 1, 1, 1) = 18 \cdot 23^{12} + 10 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 5, 4) = 17 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 5, 3, 1) = 18 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 3 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 5, 2, 2) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 5, 2, 1, 1) = 22 \cdot 23^{12} + 17 \cdot 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 5, 1, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 5, 1, 2, 1) = 7 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 5, 1, 1, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 5, 1, 1, 1, 1) = 17 \cdot 23^{12} + 18 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 4, 5) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 4, 4, 1) = 2 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 17 \cdot 23^{15} + 15 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 4, 3, 2) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 4, 3, 1, 1) = 21 \cdot 23^{12} + 3 \cdot 23^{13} + 8 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 4, 2, 3) = 20 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 4, 2, 2, 1) = 14 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 4, 2, 1, 2) = 22 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 4, 2, 1, 1, 1) = 14 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 18 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 4, 1, 4) = 3 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 4, 1, 3, 1) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 21 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 4, 1, 2, 2) = 14 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 4, 1, 2, 1, 1) = 9 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 4, 1, 1, 3) = 21 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 4, 1, 1, 2, 1) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{14} + 3 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 4, 1, 1, 1, 2) = 17 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 4, 1, 1, 1, 1, 1) = 16 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 6) = 9 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 5, 1) = 10 \cdot 23^{12} + 6 \cdot 23^{13} + 12 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 4, 2) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 4, 1, 1) = 9 \cdot 23^{12} + 18 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 6 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 3, 3) = 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 3, 2, 1) = 8 \cdot 23^{12} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 3, 1, 2) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 3, 1, 1, 1) = 10 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{16} + 17 \cdot 23^{17} + 2 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 2, 4) = 19 \cdot 23^{12} + 18 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 2, 3, 1) = 7 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 2, 2, 2) = 6 \cdot 23^{12} + 9 \cdot 23^{14} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 20 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 2, 2, 1, 1) = 22 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 2, 1, 3) = 22 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 2, 1, 2, 1) = 17 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 10 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 2, 1, 1, 2) = 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 2, 1, 1, 1, 1) = 8 \cdot 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 23^{17} + 3 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 5) = 15 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 4, 1) = 9 \cdot 23^{13} + 3 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 3, 2) = 7 \cdot 23^{12} + 2 \cdot 23^{13} + 17 \cdot 23^{14} + 23^{15} + 6 \cdot 23^{16} + 9 \cdot 23^{17} + 11 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 3, 1, 1) = 6 \cdot 23^{12} + 14 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 17 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 2, 3) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 2, 2, 1) = 12 \cdot 23^{12} + 22 \cdot 23^{13} + 8 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 2, 1, 2) = 23^{12} + 7 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 2, 1, 1, 1) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 4) = 14 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 3, 1) = 12 \cdot 23^{13} + 6 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 2, 2) = 15 \cdot 23^{13} + 9 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 2, 1, 1) = 12 \cdot 23^{12} + 16 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 3) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 2, 1) = 22 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 1, 2) = 16 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 3 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 18 \cdot 23^{14} + 11 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 7) = 14 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 6, 1) = 7 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 5, 2) = 11 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 5, 1, 1) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 4, 3) = 2 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 4, 2, 1) = 2 \cdot 23^{12} + 18 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 4, 1, 2) = 15 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 4, 1, 1, 1) = 21 \cdot 23^{12} + 10 \cdot 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 3, 4) = 7 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 3, 3, 1) = 22 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 3, 2, 2) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 17 \cdot 23^{16} + 5 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 3, 2, 1, 1) = 21 \cdot 23^{12} + 17 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 3, 1, 3) = 12 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 16 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 3, 1, 2, 1) = 16 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 5 \cdot 23^{15} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 3, 1, 1, 2) = 7 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 3, 1, 1, 1, 1) = 2 \cdot 23^{12} + 23^{13} + 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 10 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 5) = 4 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 21 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 4, 1) = 17 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 3, 2) = 19 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 3, 1, 1) = 9 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 2 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 2, 3) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 2, 2, 1) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 17 \cdot 23^{14} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 2, 1, 2) = 11 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 2, 1, 1, 1) = 6 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 13 \cdot 23^{17} + 13 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 4) = 11 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 3, 1) = 5 \cdot 23^{12} + 8 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 14 \cdot 23^{17} + 18 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 2, 2) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 4 \cdot 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 2, 1, 1) = 15 \cdot 23^{12} + 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 3) = 14 \cdot 23^{12} + 16 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 2, 1) = 15 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{14} + 7 \cdot 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 1, 2) = 17 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 6) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 5, 1) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 19 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 4, 2) = 20 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 4, 1, 1) = 10 \cdot 23^{12} + 18 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 3, 3) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 3, 2, 1) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 8 \cdot 23^{16} + 15 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 3, 1, 2) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 9 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 3, 1, 1, 1) = 9 \cdot 23^{12} + 3 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{15} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 4) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 3, 1) = 20 \cdot 23^{12} + 22 \cdot 23^{14} + 21 \cdot 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 2, 2) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 2, 1, 1) = 12 \cdot 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 3) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 2, 1) = 12 \cdot 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 16 \cdot 23^{17} + 18 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 1, 2) = 7 \cdot 23^{12} + 9 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 5 \cdot 23^{13} + 10 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 5) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 4, 1) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{15} + 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 3, 2) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 12 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 3, 1, 1) = 9 \cdot 23^{12} + 10 \cdot 23^{13} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 21 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 3) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 2, 1) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 1, 2) = 2 \cdot 23^{12} + 4 \cdot 23^{13} + 21 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 22 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 4) = 15 \cdot 23^{12} + 11 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 3, 1) = 6 \cdot 23^{12} + 18 \cdot 23^{13} + 13 \cdot 23^{14} + 5 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 2, 2) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 7 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 20 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 8 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 3) = 13 \cdot 23^{12} + 3 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 7 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{17} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 19 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 8) = 11 \cdot 23^{12} + 7 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 2 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 7, 1) = 15 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 6, 2) = 6 \cdot 23^{12} + 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 6, 1, 1) = 22 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 5, 3) = 4 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 5, 2, 1) = 18 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 5, 1, 2) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 5, 1, 1, 1) = 3 \cdot 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 4, 4) = 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 4, 3, 1) = 3 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{15} + 11 \cdot 23^{16} + 19 \cdot 23^{17} + 23^{18} + 5 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 4, 2, 2) = 7 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 4 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 4, 2, 1, 1) = 13 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 4, 1, 3) = 22 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 4, 1, 2, 1) = 10 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{15} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 4, 1, 1, 2) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 21 \cdot 23^{17} + 16 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 4, 1, 1, 1, 1) = 4 \cdot 23^{12} + 6 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 5) = 3 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 4, 1) = 18 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 3, 2) = 20 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 3, 1, 1) = 16 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 2, 3) = 17 \cdot 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 2, 2, 1) = 4 \cdot 23^{12} + 21 \cdot 23^{14} + 7 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 2, 1, 2) = 3 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 2, 1, 1, 1) = 21 \cdot 23^{12} + 17 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 4) = 6 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 3, 1) = 20 \cdot 23^{12} + 3 \cdot 23^{13} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 2, 2) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 2, 1, 1) = 6 \cdot 23^{12} + 4 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{17} + 6 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 3) = 19 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 2, 1) = 14 \cdot 23^{12} + 21 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 1, 2) = 11 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 11 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 12 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 6) = 15 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 5, 1) = 20 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 10 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 4, 2) = 18 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 4, 1, 1) = 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 3, 3) = 7 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 3, 2, 1) = 11 \cdot 23^{12} + 9 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 3, 1, 2) = 23^{12} + 16 \cdot 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 3, 1, 1, 1) = 15 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 4) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 3, 1) = 2 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 2, 2) = 11 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 2, 1, 1) = 13 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 4 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 3) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 2, 1) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 10 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 1, 2) = 3 \cdot 23^{12} + 17 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 2, 1, 1, 1) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 5) = 4 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 4, 1) = 5 \cdot 23^{13} + 19 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 3, 2) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 3, 1, 1) = 16 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 3) = 10 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 2, 1) = 23^{12} + 9 \cdot 23^{13} + 2 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 22 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 1, 2) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 2, 1, 1) = 21 \cdot 23^{12} + 23^{15} + 2 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 4) = 15 \cdot 23^{12} + 8 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 3, 1) = 20 \cdot 23^{12} + 13 \cdot 23^{13} + 11 \cdot 23^{14} + 20 \cdot 23^{15} + 17 \cdot 23^{16} + 12 \cdot 23^{17} + 9 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 2, 2) = 5 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 9 \cdot 23^{12} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 3) = 17 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 11 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 10 \cdot 23^{15} + 14 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 2 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 22 \cdot 23^{12} + 2 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 7) = 3 \cdot 23^{12} + 12 \cdot 23^{13} + 8 \cdot 23^{14} + 8 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 6, 1) = 6 \cdot 23^{12} + 8 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 5, 2) = 5 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 5, 1, 1) = 8 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 4, 3) = 6 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{16} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 4, 2, 1) = 8 \cdot 23^{12} + 14 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 22 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 4, 1, 2) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 4, 1, 1, 1) = 5 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 15 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 4) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 3, 1) = 18 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 2, 2) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 6 \cdot 23^{15} + 19 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 2, 1, 1) = 10 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 3) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 2, 1) = 19 \cdot 23^{13} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 1, 2) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 3, 1, 1, 1) = 4 \cdot 23^{12} + 4 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 5) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 4, 1) = 19 \cdot 23^{12} + 3 \cdot 23^{13} + 7 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 3, 2) = 11 \cdot 23^{12} + 18 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 3, 1, 1) = 12 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 3) = 20 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 2, 1) = 2 \cdot 23^{12} + 22 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 1, 2) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 14 \cdot 23^{12} + 6 \cdot 23^{13} + 15 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 4) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 3, 1) = 7 \cdot 23^{12} + 23^{13} + 16 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 2, 2) = 2 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 11 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 3) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 21 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 22 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 6) = 17 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 5, 1) = 11 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 4, 2) = 6 \cdot 23^{12} + 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 4, 1, 1) = 9 \cdot 23^{12} + 4 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 3) = 3 \cdot 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 2, 1) = 9 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 1, 2) = 21 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 17 \cdot 23^{12} + 7 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 5 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 4) = 11 \cdot 23^{12} + 5 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 3, 1) = 16 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 10 \cdot 23^{17} + 8 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 2, 2) = 23^{12} + 7 \cdot 23^{13} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 6 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 3) = 21 \cdot 23^{12} + 15 \cdot 23^{14} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 16 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 20 \cdot 23^{12} + 8 \cdot 23^{14} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 11 \cdot 23^{12} + 18 \cdot 23^{13} + 3 \cdot 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 5) = 11 \cdot 23^{12} + 6 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 4, 1) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 6 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 2) = 4 \cdot 23^{12} + 10 \cdot 23^{14} + 21 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 3, 1, 1) = 19 \cdot 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 3) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 2, 1) = 11 \cdot 23^{12} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 4 \cdot 23^{16} + 8 \cdot 23^{17} + 7 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 2) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 4) = 20 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 3, 1) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 2 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 2, 2) = 14 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 23^{12} + 14 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 3) = 23^{12} + 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 20 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 20 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 21 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 11) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 10, 1) = 21 \cdot 23^{12} + 14 \cdot 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 19 \cdot 23^{16} + 2 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 9, 2) = 23^{12} + 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 20 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 9, 1, 1) = 16 \cdot 23^{12} + 15 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 8, 3) = 18 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 8, 2, 1) = 11 \cdot 23^{12} + 5 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 14 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 8, 1, 2) = 8 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 8, 1, 1, 1) = 12 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 7, 4) = 16 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 7, 3, 1) = 13 \cdot 23^{12} + 15 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 20 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 7, 2, 2) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 20 \cdot 23^{17} + 9 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 7, 2, 1, 1) = 21 \cdot 23^{12} + 17 \cdot 23^{13} + 9 \cdot 23^{14} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 7, 1, 3) = 9 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 13 \cdot 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 7, 1, 2, 1) = 3 \cdot 23^{12} + 18 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 5 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 7, 1, 1, 2) = 21 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 7, 1, 1, 1, 1) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 6, 5) = 16 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 6, 4, 1) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 6, 3, 2) = 13 \cdot 23^{12} + 3 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 6, 3, 1, 1) = 21 \cdot 23^{12} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 6, 2, 3) = 6 \cdot 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 6, 2, 2, 1) = 14 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 6, 2, 1, 2) = 7 \cdot 23^{12} + 16 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 6, 2, 1, 1, 1) = 17 \cdot 23^{12} + 20 \cdot 23^{13} + 3 \cdot 23^{14} + 15 \cdot 23^{15} + 18 \cdot 23^{16} + 8 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 6, 1, 4) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 6, 1, 3, 1) = 14 \cdot 23^{12} + 22 \cdot 23^{13} + 17 \cdot 23^{14} + 9 \cdot 23^{15} + 2 \cdot 23^{17} + 5 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 6, 1, 2, 2) = 18 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 6, 1, 2, 1, 1) = 6 \cdot 23^{12} + 17 \cdot 23^{13} + 15 \cdot 23^{14} + 15 \cdot 23^{17} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 6, 1, 1, 3) = 4 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 6, 1, 1, 2, 1) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 6, 1, 1, 1, 2) = 7 \cdot 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 6, 1, 1, 1, 1, 1) = 7 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 5, 6) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 5, 5, 1) = 2 \cdot 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 5, 4, 2) = 17 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 5, 4, 1, 1) = 2 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 5, 3, 3) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 5, 3, 2, 1) = 6 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 19 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 5, 3, 1, 2) = 9 \cdot 23^{12} + 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 5, 3, 1, 1, 1) = 4 \cdot 23^{12} + 6 \cdot 23^{13} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 5, 2, 4) = 17 \cdot 23^{12} + 17 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 5, 2, 3, 1) = 19 \cdot 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 14 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 5, 2, 2, 2) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 5, 2, 2, 1, 1) = 19 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 5, 2, 1, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 5, 2, 1, 2, 1) = 8 \cdot 23^{12} + 4 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 11 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 5, 2, 1, 1, 2) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 21 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 5, 2, 1, 1, 1, 1) = 23^{12} + 2 \cdot 23^{13} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 2 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 5, 1, 5) = 22 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 5, 1, 4, 1) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 15 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 5, 1, 3, 2) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 5, 1, 3, 1, 1) = 20 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 5, 1, 2, 3) = 18 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 5, 1, 2, 2, 1) = 2 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 17 \cdot 23^{15} + 2 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 5, 1, 2, 1, 2) = 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 5, 1, 2, 1, 1, 1) = 12 \cdot 23^{12} + 7 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 5, 1, 1, 4) = 18 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 5, 1, 1, 3, 1) = 8 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 10 \cdot 23^{16} + 12 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 5, 1, 1, 2, 2) = 21 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 5, 1, 1, 2, 1, 1) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 5, 1, 1, 1, 3) = 7 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 5, 1, 1, 1, 2, 1) = 7 \cdot 23^{12} + 2 \cdot 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 5, 1, 1, 1, 1, 2) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 5, 1, 1, 1, 1, 1, 1) = 4 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 5 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 7) = 13 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 6, 1) = 10 \cdot 23^{12} + 6 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 8 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 5, 2) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 5, 1, 1) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 4, 3) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 4, 2, 1) = 11 \cdot 23^{12} + 19 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 4, 1, 2) = 18 \cdot 23^{12} + 12 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 2 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 4, 1, 1, 1) = 19 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 3, 4) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 3, 3, 1) = 7 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 3, 2, 2) = 20 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 3, 2, 1, 1) = 15 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 20 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 3, 1, 3) = 22 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 3, 1, 2, 1) = 15 \cdot 23^{12} + 10 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 3, 1, 1, 2) = 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 12 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 3, 1, 1, 1, 1) = 5 \cdot 23^{12} + 17 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 3 \cdot 23^{16} + 16 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 2, 5) = 16 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 3 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 2, 4, 1) = 22 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 2, 3, 2) = 14 \cdot 23^{12} + 16 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 2, 3, 1, 1) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 10 \cdot 23^{16} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 2, 2, 3) = 15 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 13 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 2, 2, 2, 1) = 22 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 2, 2, 1, 2) = 17 \cdot 23^{12} + 13 \cdot 23^{13} + 21 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 2, 2, 1, 1, 1) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{16} + 17 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 2, 1, 4) = 21 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 2, 1, 3, 1) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 4 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 2, 1, 2, 2) = 21 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 2 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 2, 1, 2, 1, 1) = 4 \cdot 23^{12} + 11 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 2, 1, 1, 3) = 11 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 2, 1, 1, 2, 1) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 18 \cdot 23^{17} + 9 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 2, 1, 1, 1, 2) = 7 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 2, 1, 1, 1, 1, 1) = 18 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 6) = 18 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 5, 1) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 4 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 4, 2) = 19 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 4, 1, 1) = 20 \cdot 23^{12} + 20 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 8 \cdot 23^{17} + 3 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 3, 3) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 3, 2, 1) = 5 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 11 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 3, 1, 2) = 12 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 3, 1, 1, 1) = 21 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 2, 4) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 2, 3, 1) = 2 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 7 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 2, 2, 2) = 13 \cdot 23^{13} + 19 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 2, 2, 1, 1) = 19 \cdot 23^{12} + 13 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 2, 1, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 2, 1, 2, 1) = 15 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 10 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 2, 1, 1, 2) = 15 \cdot 23^{12} + 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 2, 1, 1, 1, 1) = 21 \cdot 23^{12} + 11 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 9 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 5) = 15 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 4, 1) = 22 \cdot 23^{12} + 6 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 3, 2) = 21 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 3, 1, 1) = 8 \cdot 23^{12} + 7 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 2, 3) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 2, 2, 1) = 6 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 2, 1, 2) = 11 \cdot 23^{12} + 22 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 2, 1, 1, 1) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 4) = 16 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 5 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 3, 1) = 9 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 8 \cdot 23^{16} + 19 \cdot 23^{17} + 13 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 2, 2) = 12 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 2, 1, 1) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 16 \cdot 23^{14} + 5 \cdot 23^{15} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 18 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 3) = 4 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 2, 1) = 12 \cdot 23^{12} + 15 \cdot 23^{13} + 20 \cdot 23^{14} + 6 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 1, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 23^{12} + 2 \cdot 23^{13} + 2 \cdot 23^{14} + 16 \cdot 23^{15} + 13 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 8) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 7, 1) = 11 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 6, 2) = 21 \cdot 23^{12} + 15 \cdot 23^{14} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 6, 1, 1) = 3 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 5, 3) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 5, 2, 1) = 14 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 5, 1, 2) = 17 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 7 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 5, 1, 1, 1) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 4, 4) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 4, 3, 1) = 14 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 5 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 4, 2, 2) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 6 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 4, 2, 1, 1) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 4, 1, 3) = 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 4, 1, 2, 1) = 21 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 4, 1, 1, 2) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 4, 1, 1, 1, 1) = 13 \cdot 23^{12} + 12 \cdot 23^{13} + 22 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 3, 5) = 9 \cdot 23^{13} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 3, 4, 1) = 20 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 3, 3, 2) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 3, 3, 1, 1) = 17 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 3, 2, 3) = 19 \cdot 23^{12} + 13 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 3, 2, 2, 1) = 15 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 16 \cdot 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 3, 2, 1, 2) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 9 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 3, 2, 1, 1, 1) = 21 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 3, 1, 4) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 3, 1, 3, 1) = 22 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 16 \cdot 23^{16} + 11 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 3, 1, 2, 2) = 20 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 22 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 3, 1, 2, 1, 1) = 14 \cdot 23^{12} + 18 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 3, 1, 1, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 3, 1, 1, 2, 1) = 21 \cdot 23^{13} + 13 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 19 \cdot 23^{17} + 6 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 3, 1, 1, 1, 2) = 10 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 3, 1, 1, 1, 1) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 6) = 4 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 5, 1) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 4, 2) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 4, 1, 1) = 17 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 3, 3) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 3, 2, 1) = 19 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 3, 1, 2) = 6 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 3, 1, 1, 1) = 9 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 14 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 2, 4) = 2 \cdot 23^{12} + 6 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 19 \cdot 23^{16} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 2, 3, 1) = 5 \cdot 23^{12} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 2, 2, 2) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 8 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 2, 2, 1, 1) = 6 \cdot 23^{12} + 12 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 20 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 2, 1, 3) = 21 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 2, 1, 2, 1) = 7 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 13 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 2, 1, 1, 2) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{15} + 11 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 2, 1, 1, 1, 1) = 16 \cdot 23^{12} + 4 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 12 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 5) = 20 \cdot 23^{13} + 6 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 4, 1) = 21 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 22 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 3, 2) = 22 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 3, 1, 1) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 2, 3) = 19 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 2, 2, 1) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 2, 1, 2) = 23^{12} + 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 14 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 2, 1, 1, 1) = 23^{12} + 6 \cdot 23^{13} + 12 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 4) = 5 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 3, 1) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 2, 2) = 19 \cdot 23^{12} + 21 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 3 \cdot 23^{16} + 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 2, 1, 1) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 2, 1) = 3 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 21 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 1, 2) = 7 \cdot 23^{12} + 2 \cdot 23^{13} + 21 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 12 \cdot 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 7) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 6, 1) = 12 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{15} + 9 \cdot 23^{16} + 5 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 5, 2) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 5, 1, 1) = 20 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 4, 3) = 13 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 4, 2, 1) = 7 \cdot 23^{12} + 10 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 4, 1, 2) = 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 4, 1, 1, 1) = 12 \cdot 23^{12} + 3 \cdot 23^{13} + 8 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 3, 4) = 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 3, 3, 1) = 12 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 13 \cdot 23^{17} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 3, 2, 2) = 16 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 3 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 3, 2, 1, 1) = 18 \cdot 23^{12} + 17 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 22 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 3, 1, 3) = O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 3, 1, 2, 1) = 17 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 3, 1, 1, 2) = 19 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 3, 1, 1, 1, 1) = 18 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 5) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 4, 1) = 17 \cdot 23^{12} + 13 \cdot 23^{13} + 13 \cdot 23^{14} + 5 \cdot 23^{15} + 14 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 3, 2) = 12 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 16 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 11 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 3, 1, 1) = 13 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 2, 3) = 8 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 2, 2, 1) = 13 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 2, 1, 2) = 21 \cdot 23^{12} + 6 \cdot 23^{13} + 21 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 2, 1, 1, 1) = 9 \cdot 23^{12} + 6 \cdot 23^{13} + 3 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 4) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 3, 1) = 8 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 3 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 2, 2) = 13 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 19 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 2, 1, 1) = 12 \cdot 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 3) = 22 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 2, 1) = 15 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 1, 2) = 7 \cdot 23^{12} + 15 \cdot 23^{13} + 21 \cdot 23^{14} + 18 \cdot 23^{15} + 3 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 2, 1, 1, 1, 1, 1) = 3 \cdot 23^{12} + 11 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 4 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 6) = 4 \cdot 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 5, 1) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 4, 2) = 22 \cdot 23^{12} + 18 \cdot 23^{13} + 21 \cdot 23^{14} + 17 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 4, 1, 1) = 12 \cdot 23^{12} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 3, 3) = 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 3, 2, 1) = 20 \cdot 23^{12} + 11 \cdot 23^{13} + 8 \cdot 23^{14} + 21 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 3, 1, 2) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 3, 1, 1, 1) = 3 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 4) = 19 \cdot 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{16} + 14 \cdot 23^{17} + 3 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 3, 1) = 2 \cdot 23^{13} + 15 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 2, 2) = 4 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 2, 1, 1) = 3 \cdot 23^{12} + 3 \cdot 23^{14} + 17 \cdot 23^{16} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 3) = 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 2, 1) = 16 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 1, 2) = 9 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 2, 1, 1, 1, 1) = 7 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 17 \cdot 23^{16} + 8 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 5) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 4, 1) = 23^{12} + 16 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 3, 2) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 3, 1, 1) = 8 \cdot 23^{12} + 21 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 5 \cdot 23^{17} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 3) = 22 \cdot 23^{12} + 11 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 2, 1) = 6 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 19 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 1, 2) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 2, 1, 1, 1) = 13 \cdot 23^{12} + 16 \cdot 23^{13} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 4) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 3, 1) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 2, 2) = 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 5 \cdot 23^{17} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 3) = 9 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 5 \cdot 23^{15} + 13 \cdot 23^{16} + 13 \cdot 23^{17} + 6 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 21 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 20 \cdot 23^{15} + 21 \cdot 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 9) = 7 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 8, 1) = 15 \cdot 23^{12} + 6 \cdot 23^{13} + 5 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 7, 2) = 10 \cdot 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 7, 1, 1) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 2 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 6, 3) = 21 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 6, 2, 1) = 12 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 15 \cdot 23^{15} + 8 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 6, 1, 2) = 2 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 6, 1, 1, 1) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 22 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 5, 4) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 5, 3, 1) = 23^{12} + 18 \cdot 23^{13} + 18 \cdot 23^{14} + 20 \cdot 23^{15} + 15 \cdot 23^{16} + 8 \cdot 23^{17} + 15 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 5, 2, 2) = 15 \cdot 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 5, 2, 1, 1) = 17 \cdot 23^{12} + 8 \cdot 23^{14} + 15 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 5, 1, 3) = 22 \cdot 23^{12} + 11 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 19 \cdot 23^{17} + 4 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 5, 1, 2, 1) = 12 \cdot 23^{12} + 3 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 5, 1, 1, 2) = 10 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{15} + 9 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 5, 1, 1, 1, 1) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 9 \cdot 23^{14} + 11 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 4, 5) = 13 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 4, 4, 1) = 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 4, 3, 2) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 4, 3, 1, 1) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 4, 2, 3) = 20 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 4, 2, 2, 1) = 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 4, 2, 1, 2) = 2 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 4, 2, 1, 1, 1) = 6 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 4, 1, 4) = 8 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 4, 1, 3, 1) = 4 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 11 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 4, 1, 2, 2) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 4, 1, 2, 1, 1) = 8 \cdot 23^{12} + 14 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 19 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 4, 1, 1, 3) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 4, 1, 1, 2, 1) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 4 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 4, 1, 1, 1, 2) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 4, 1, 1, 1, 1, 1) = 10 \cdot 23^{12} + 19 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 6) = 13 \cdot 23^{12} + 5 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 5, 1) = 16 \cdot 23^{12} + 4 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 16 \cdot 23^{17} + 6 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 4, 2) = 10 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 20 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 4, 1, 1) = 16 \cdot 23^{12} + 7 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 3, 3) = 7 \cdot 23^{12} + 12 \cdot 23^{13} + 15 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 3, 2, 1) = 18 \cdot 23^{12} + 22 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 3, 1, 2) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 7 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 3, 1, 1, 1) = 20 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 21 \cdot 23^{17} + 22 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 2, 4) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 4 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 2, 3, 1) = 17 \cdot 23^{12} + 14 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 2, 2, 2) = 2 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 2, 2, 1, 1) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 2, 1, 3) = 19 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 2, 1, 2, 1) = 15 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 20 \cdot 23^{16} + 3 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 2, 1, 1, 2) = 17 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 2, 1, 1, 1, 1) = 18 \cdot 23^{12} + 21 \cdot 23^{13} + 6 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 5) = 22 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 4, 1) = 20 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 3, 2) = 5 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 3, 1, 1) = 10 \cdot 23^{12} + 5 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 2, 3) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 2, 2, 1) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 19 \cdot 23^{16} + 22 \cdot 23^{17} + 20 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 2, 1, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 11 \cdot 23^{16} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 2, 1, 1, 1) = 4 \cdot 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 6 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 4) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 3, 1) = 15 \cdot 23^{12} + 6 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 2, 2) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 2, 1, 1) = 21 \cdot 23^{12} + 10 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 3) = 18 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 2, 1) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{15} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 1, 2) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 8 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 7) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 6, 1) = 8 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 5, 2) = 20 \cdot 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 5, 1, 1) = 9 \cdot 23^{12} + 7 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 4 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 4, 3) = 14 \cdot 23^{12} + 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 4, 2, 1) = 14 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 4, 1, 2) = 18 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 4, 1, 1, 1) = 3 \cdot 23^{12} + 9 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 3, 4) = 13 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 10 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 3, 3, 1) = 4 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 3, 2, 2) = 9 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 3, 2, 1, 1) = 5 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 3, 1, 3) = 8 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 3, 1, 2, 1) = 7 \cdot 23^{12} + 18 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 8 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 3, 1, 1, 2) = 7 \cdot 23^{12} + 22 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 3, 1, 1, 1, 1) = 6 \cdot 23^{12} + 4 \cdot 23^{13} + 10 \cdot 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 5) = 14 \cdot 23^{12} + 21 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 4, 1) = 20 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 7 \cdot 23^{17} + 8 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 3, 2) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 3, 1, 1) = 10 \cdot 23^{12} + 14 \cdot 23^{13} + 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 5 \cdot 23^{17} + 4 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 2, 3) = 22 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 6 \cdot 23^{15} + 3 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 2, 2, 1) = 16 \cdot 23^{13} + 4 \cdot 23^{14} + 7 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 2, 1, 2) = 22 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 2, 1, 1, 1) = 4 \cdot 23^{12} + 4 \cdot 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 21 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 4) = 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 3, 1) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 2, 2) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 2, 1, 1) = 14 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 9 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 3) = 15 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 13 \cdot 23^{16} + 11 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 2, 1) = 16 \cdot 23^{13} + 13 \cdot 23^{14} + 5 \cdot 23^{15} + 22 \cdot 23^{16} + 2 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 1, 2) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 14 \cdot 23^{13} + 5 \cdot 23^{14} + 4 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 6) = 16 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 5, 1) = 3 \cdot 23^{12} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 4, 2) = 17 \cdot 23^{12} + 6 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 4, 1, 1) = 6 \cdot 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 3, 3) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 3, 2, 1) = 4 \cdot 23^{12} + 13 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 3, 1, 2) = 7 \cdot 23^{14} + 14 \cdot 23^{15} + 20 \cdot 23^{16} + 17 \cdot 23^{17} + 18 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 3, 1, 1, 1) = 11 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 11 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 4) = 7 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 19 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 3, 1) = 18 \cdot 23^{12} + 22 \cdot 23^{13} + 17 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 2, 2) = 6 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 2, 1, 1) = 20 \cdot 23^{12} + 12 \cdot 23^{13} + 22 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 3) = 19 \cdot 23^{12} + 13 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 5 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 2, 1) = 6 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 20 \cdot 23^{16} + 18 \cdot 23^{17} + 10 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 1, 2) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 15 \cdot 23^{12} + 13 \cdot 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 5) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 4, 1) = 12 \cdot 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 3, 2) = 20 \cdot 23^{13} + 16 \cdot 23^{14} + 19 \cdot 23^{16} + 10 \cdot 23^{17} + 14 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 3, 1, 1) = 17 \cdot 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 13 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 3) = 20 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 6 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 2, 1) = 22 \cdot 23^{12} + 4 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 1, 2) = 10 \cdot 23^{12} + 23^{13} + 10 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 3 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 13 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 4) = 19 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 3, 1) = 16 \cdot 23^{12} + 12 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 2, 2) = 12 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 16 \cdot 23^{12} + 20 \cdot 23^{13} + 6 \cdot 23^{14} + 2 \cdot 23^{16} + 4 \cdot 23^{17} + 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 3) = 6 \cdot 23^{12} + 21 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 8 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 12 \cdot 23^{12} + 18 \cdot 23^{13} + 17 \cdot 23^{14} + 10 \cdot 23^{15} + 5 \cdot 23^{16} + 5 \cdot 23^{17} + 16 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 8) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 21 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 7, 1) = 21 \cdot 23^{12} + 16 \cdot 23^{13} + 13 \cdot 23^{14} + 14 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 6, 2) = 3 \cdot 23^{12} + 9 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 20 \cdot 23^{17} + 10 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 6, 1, 1) = 21 \cdot 23^{12} + 11 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 5, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 5, 2, 1) = 23^{12} + 8 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 5, 1, 2) = 17 \cdot 23^{12} + 6 \cdot 23^{14} + 19 \cdot 23^{15} + 3 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 5, 1, 1) = 15 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 16 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 4, 4) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 4, 3, 1) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 4, 2, 2) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 19 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 4, 2, 1, 1) = 19 \cdot 23^{12} + 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 21 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 4, 1, 3) = 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 4, 1, 2, 1) = 3 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 4, 1, 1, 2) = 12 \cdot 23^{12} + 19 \cdot 23^{13} + 4 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 5 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 4, 1, 1, 1, 1) = 18 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 5) = 16 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 4, 1) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 3, 2) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 3, 1, 1) = 20 \cdot 23^{12} + 3 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 22 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 2, 3) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 2, 2, 1) = 3 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 2, 1, 2) = 2 \cdot 23^{12} + 6 \cdot 23^{13} + 7 \cdot 23^{14} + 15 \cdot 23^{15} + 20 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 2, 1, 1, 1) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{14} + 16 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 4) = 16 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 3, 1) = 13 \cdot 23^{12} + 15 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 6 \cdot 23^{16} + 8 \cdot 23^{17} + 22 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 2, 2) = 8 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 2, 1, 1) = 20 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 9 \cdot 23^{16} + 17 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 3) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 2, 1) = 19 \cdot 23^{12} + 5 \cdot 23^{13} + 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{17} + 12 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 1, 2) = 10 \cdot 23^{12} + 21 \cdot 23^{13} + 16 \cdot 23^{14} + 13 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 6 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 20 \cdot 23^{16} + 19 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 6) = 6 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 5, 1) = 8 \cdot 23^{12} + 11 \cdot 23^{14} + 21 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 4, 2) = 7 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 22 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 4, 1, 1) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 11 \cdot 23^{17} + 7 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 3, 3) = 15 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 3, 2, 1) = 2 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 3, 1, 2) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 3, 1, 1, 1) = 19 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 4) = 8 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 3, 1) = 6 \cdot 23^{13} + 4 \cdot 23^{14} + 16 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 2, 2) = 19 \cdot 23^{13} + 15 \cdot 23^{14} + 22 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 2, 1, 1) = 2 \cdot 23^{12} + 2 \cdot 23^{13} + 5 \cdot 23^{14} + 6 \cdot 23^{16} + 4 \cdot 23^{17} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 3) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 2, 1) = 14 \cdot 23^{12} + 23^{13} + 10 \cdot 23^{14} + 21 \cdot 23^{15} + 16 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 1, 2) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 3 \cdot 23^{16} + 8 \cdot 23^{17} + 12 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 11 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 5) = 9 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 4, 1) = 22 \cdot 23^{12} + 22 \cdot 23^{13} + 7 \cdot 23^{14} + 7 \cdot 23^{15} + 5 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 3, 2) = 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 3, 1, 1) = 12 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 3) = 7 \cdot 23^{12} + 12 \cdot 23^{13} + 15 \cdot 23^{14} + 22 \cdot 23^{15} + 8 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 2, 1) = 4 \cdot 23^{12} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 1, 2) = 16 \cdot 23^{12} + 19 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 12 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 16 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 4) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 3, 1) = 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 2, 2) = 11 \cdot 23^{12} + 16 \cdot 23^{13} + 11 \cdot 23^{14} + 5 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 17 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 20 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 3) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 16 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 15 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 4 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 7) = 7 \cdot 23^{12} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 13 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 6, 1) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 10 \cdot 23^{16} + 4 \cdot 23^{17} + 12 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 5, 2) = 6 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{16} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 5, 1, 1) = 22 \cdot 23^{12} + 12 \cdot 23^{13} + 8 \cdot 23^{14} + 2 \cdot 23^{15} + 7 \cdot 23^{16} + 8 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 4, 3) = 18 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 6 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 9 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 4, 2, 1) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 4, 1, 2) = 15 \cdot 23^{12} + 4 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 4, 1, 1, 1) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 20 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 4) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 3, 1) = 17 \cdot 23^{12} + 2 \cdot 23^{14} + 13 \cdot 23^{15} + 10 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 2, 2) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 2, 1, 1) = 2 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 3) = 13 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 2, 1) = 21 \cdot 23^{12} + 14 \cdot 23^{14} + 22 \cdot 23^{15} + 3 \cdot 23^{16} + 7 \cdot 23^{17} + 13 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 1, 2) = 13 \cdot 23^{12} + 9 \cdot 23^{13} + 20 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 3, 1, 1, 1) = 15 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 5) = 9 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 4, 1) = 12 \cdot 23^{12} + 3 \cdot 23^{13} + 19 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 3, 2) = 2 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 3, 1, 1) = 5 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 3) = 14 \cdot 23^{12} + 23^{13} + 5 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 2, 1) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 1, 2) = 20 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 20 \cdot 23^{16} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 15 \cdot 23^{12} + 23^{13} + 2 \cdot 23^{14} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 4) = 14 \cdot 23^{12} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 3, 1) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 2, 2) = 4 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 2 \cdot 23^{12} + 10 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 3) = 19 \cdot 23^{12} + 6 \cdot 23^{13} + 15 \cdot 23^{14} + 10 \cdot 23^{15} + 7 \cdot 23^{16} + 5 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 19 \cdot 23^{12} + 17 \cdot 23^{13} + 3 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 13 \cdot 23^{17} + 8 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 20 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 6) = 2 \cdot 23^{12} + 20 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 5, 1) = 11 \cdot 23^{12} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 4, 2) = 4 \cdot 23^{12} + 15 \cdot 23^{13} + 17 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 4, 1, 1) = 10 \cdot 23^{12} + 14 \cdot 23^{13} + 8 \cdot 23^{14} + 7 \cdot 23^{15} + 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 2, 1) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 12 \cdot 23^{14} + 22 \cdot 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 11 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 1, 2) = 22 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 15 \cdot 23^{13} + 9 \cdot 23^{14} + 22 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 4) = 11 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 3, 1) = 9 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 16 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 2, 2) = 15 \cdot 23^{12} + 17 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 22 \cdot 23^{16} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 14 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 21 \cdot 23^{16} + 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 3) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 19 \cdot 23^{16} + 6 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 9 \cdot 23^{12} + 21 \cdot 23^{13} + 17 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 4 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 10 \cdot 23^{12} + 15 \cdot 23^{13} + 4 \cdot 23^{14} + 22 \cdot 23^{15} + 23^{16} + 5 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 21 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 5) = 9 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 4, 1) = 15 \cdot 23^{12} + 13 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 8 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 3, 2) = 8 \cdot 23^{12} + 14 \cdot 23^{13} + 21 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 20 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 21 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 3) = 21 \cdot 23^{12} + 7 \cdot 23^{13} + 21 \cdot 23^{14} + 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 6 \cdot 23^{12} + 23^{13} + 15 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 4) = 11 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 6 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 6 \cdot 23^{12} + 18 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 4 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 11 \cdot 23^{17} + 14 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 18 \cdot 23^{12} + 18 \cdot 23^{13} + 5 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 23^{12} + 15 \cdot 23^{13} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 10 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 10) = 23^{12} + 4 \cdot 23^{13} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 9, 1) = 16 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 14 \cdot 23^{16} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 8, 2) = 20 \cdot 23^{12} + 9 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 8, 1, 1) = 21 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 7, 3) = 11 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 7, 2, 1) = 11 \cdot 23^{12} + 7 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 7, 1, 2) = 14 \cdot 23^{12} + 11 \cdot 23^{13} + 16 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 7, 1, 1, 1) = 4 \cdot 23^{12} + 18 \cdot 23^{13} + 8 \cdot 23^{14} + 12 \cdot 23^{15} + 17 \cdot 23^{16} + 12 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 6, 4) = 16 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 11 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 6, 3, 1) = 12 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 17 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 6, 2, 2) = 20 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 6, 2, 1, 1) = 20 \cdot 23^{12} + 6 \cdot 23^{13} + 16 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 7 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 6, 1, 3) = 8 \cdot 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 6, 1, 2, 1) = 11 \cdot 23^{12} + 20 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 6, 1, 1, 2) = 4 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 18 \cdot 23^{17} + 7 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 6, 1, 1, 1, 1) = 12 \cdot 23^{12} + 4 \cdot 23^{13} + 14 \cdot 23^{14} + 21 \cdot 23^{15} + 10 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 5, 5) = 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 5, 4, 1) = 7 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 12 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 5, 3, 2) = 15 \cdot 23^{12} + 11 \cdot 23^{14} + 15 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 5, 3, 1, 1) = 11 \cdot 23^{12} + 15 \cdot 23^{13} + 7 \cdot 23^{14} + 11 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 22 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 5, 2, 3) = 19 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 19 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 5, 2, 2, 1) = 14 \cdot 23^{12} + 10 \cdot 23^{13} + 14 \cdot 23^{14} + 12 \cdot 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 5, 2, 1, 2) = 8 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 23^{16} + 16 \cdot 23^{17} + 4 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 5, 2, 1, 1, 1) = 6 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 5, 1, 4) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 5, 1, 3, 1) = 7 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 11 \cdot 23^{17} + 16 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 5, 1, 2, 2) = 14 \cdot 23^{12} + 12 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 5, 1, 2, 1, 1) = 19 \cdot 23^{12} + 3 \cdot 23^{13} + 20 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 5, 1, 1, 3) = 16 \cdot 23^{12} + 6 \cdot 23^{13} + 10 \cdot 23^{14} + 5 \cdot 23^{15} + 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 5, 1, 1, 2, 1) = 12 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 5, 1, 1, 1, 2) = 4 \cdot 23^{12} + 15 \cdot 23^{13} + 3 \cdot 23^{14} + 13 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 13 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 5, 1, 1, 1, 1, 1) = 3 \cdot 23^{12} + 2 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 3 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 6) = 16 \cdot 23^{12} + 20 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 5, 1) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 3 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 12 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 4, 2) = 15 \cdot 23^{12} + 8 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 4, 1, 1) = 22 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 3, 3) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 3, 2, 1) = 3 \cdot 23^{12} + 7 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 5 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 3, 1, 2) = 11 \cdot 23^{12} + 2 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 3, 1, 1, 1) = 17 \cdot 23^{12} + 8 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 20 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 2, 4) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 2, 3, 1) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 2, 2, 2) = 17 \cdot 23^{12} + 15 \cdot 23^{13} + 16 \cdot 23^{14} + 2 \cdot 23^{15} + 12 \cdot 23^{16} + 8 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 2, 2, 1, 1) = 5 \cdot 23^{12} + 9 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 2, 1, 3) = 5 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 18 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 2, 1, 2, 1) = 10 \cdot 23^{12} + 19 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 4 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 2, 1, 1, 2) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 15 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 2, 1, 1, 1, 1) = 6 \cdot 23^{12} + 21 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 5) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 16 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 4, 1) = 10 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 12 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 3, 2) = 14 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 7 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 3, 1, 1) = 23^{12} + 5 \cdot 23^{13} + 8 \cdot 23^{14} + 17 \cdot 23^{15} + 19 \cdot 23^{16} + 6 \cdot 23^{17} + 5 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 2, 3) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 2, 2, 1) = 7 \cdot 23^{12} + 13 \cdot 23^{13} + 12 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 2, 1, 2) = 12 \cdot 23^{12} + 11 \cdot 23^{13} + 6 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 2, 1, 1, 1) = 4 \cdot 23^{12} + 21 \cdot 23^{13} + 11 \cdot 23^{14} + 17 \cdot 23^{15} + 20 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 4) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 2 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 3, 1) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 3 \cdot 23^{14} + 18 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 2, 2) = 23^{12} + 14 \cdot 23^{13} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 2, 1, 1) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 13 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 14 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 3) = 18 \cdot 23^{12} + 13 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 2, 1) = 5 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 1, 2) = 11 \cdot 23^{12} + 14 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 4 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 13 \cdot 23^{12} + 3 \cdot 23^{13} + 2 \cdot 23^{14} + 9 \cdot 23^{15} + 7 \cdot 23^{16} + 14 \cdot 23^{17} + 4 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 7) = 17 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 6, 1) = 13 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 5, 2) = 17 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{15} + 19 \cdot 23^{16} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 5, 1, 1) = 5 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{16} + 16 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 4, 3) = 14 \cdot 23^{12} + 18 \cdot 23^{14} + 7 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 4, 2, 1) = 20 \cdot 23^{12} + 3 \cdot 23^{13} + 20 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 4, 1, 2) = 11 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 6 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 4, 1, 1, 1) = 2 \cdot 23^{12} + 12 \cdot 23^{13} + 7 \cdot 23^{14} + 17 \cdot 23^{15} + 16 \cdot 23^{16} + 21 \cdot 23^{17} + 18 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 3, 4) = 12 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 3, 3, 1) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 17 \cdot 23^{14} + 15 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 3 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 3, 2, 2) = 14 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 3, 2, 1, 1) = 22 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 23^{16} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 3, 1, 3) = 5 \cdot 23^{12} + 11 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 3, 1, 2, 1) = 13 \cdot 23^{12} + 17 \cdot 23^{13} + 9 \cdot 23^{14} + 10 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 3 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 3, 1, 1, 2) = 4 \cdot 23^{12} + 9 \cdot 23^{13} + 3 \cdot 23^{14} + 2 \cdot 23^{16} + 18 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 3, 1, 1, 1, 1) = 21 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 5) = 21 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 4, 1) = 10 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 3, 2) = 11 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 3, 1, 1) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 12 \cdot 23^{14} + 17 \cdot 23^{15} + 16 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 2, 3) = 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 4 \cdot 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 2, 2, 1) = 18 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{15} + 6 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 2, 1, 2) = 19 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 2, 1, 1, 1) = 9 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{14} + 4 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 4) = 9 \cdot 23^{12} + 22 \cdot 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 11 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 3, 1) = 21 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 11 \cdot 23^{16} + 21 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 2, 2) = 23^{12} + 10 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 2, 1, 1) = 12 \cdot 23^{12} + 7 \cdot 23^{13} + 5 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 3) = 21 \cdot 23^{12} + 16 \cdot 23^{13} + 20 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 2 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 2, 1) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 2 \cdot 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 1, 2) = 4 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 3 \cdot 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 15 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 6 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 6) = 8 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 9 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 5, 1) = 14 \cdot 23^{12} + 21 \cdot 23^{13} + 17 \cdot 23^{14} + 3 \cdot 23^{15} + 12 \cdot 23^{17} + 5 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 4, 2) = 6 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 4, 1, 1) = 2 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 20 \cdot 23^{15} + 4 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 3, 3) = 16 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 3, 2, 1) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 3, 1, 2) = 8 \cdot 23^{12} + 23^{13} + 19 \cdot 23^{14} + 2 \cdot 23^{15} + 4 \cdot 23^{16} + 10 \cdot 23^{17} + 2 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 3, 1, 1, 1) = 20 \cdot 23^{12} + 22 \cdot 23^{13} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 4) = 9 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 3, 1) = 14 \cdot 23^{12} + 22 \cdot 23^{13} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 2, 2) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 2, 1, 1) = 4 \cdot 23^{12} + 9 \cdot 23^{13} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 19 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 3) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 2, 1) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 22 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 1, 2) = 6 \cdot 23^{12} + 20 \cdot 23^{13} + 17 \cdot 23^{14} + 13 \cdot 23^{15} + 20 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 6 \cdot 23^{12} + 19 \cdot 23^{13} + 16 \cdot 23^{14} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 11 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 5) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 4, 1) = 3 \cdot 23^{12} + 6 \cdot 23^{13} + 17 \cdot 23^{14} + 22 \cdot 23^{15} + 21 \cdot 23^{17} + 18 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 3, 2) = 3 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 3, 1, 1) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 19 \cdot 23^{17} + 3 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 3) = 8 \cdot 23^{12} + 10 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 8 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 2, 1) = 18 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 1, 2) = 15 \cdot 23^{12} + 10 \cdot 23^{13} + 13 \cdot 23^{14} + 18 \cdot 23^{15} + 22 \cdot 23^{16} + 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 3 \cdot 23^{12} + 14 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 4) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 2 \cdot 23^{14} + 21 \cdot 23^{15} + 20 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 3, 1) = 3 \cdot 23^{12} + 2 \cdot 23^{13} + 15 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 22 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 2, 2) = 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 21 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 6 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 3) = 15 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 18 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 18 \cdot 23^{12} + 6 \cdot 23^{13} + 8 \cdot 23^{14} + 4 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 10 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 11 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 22 \cdot 23^{13} + 16 \cdot 23^{14} + 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 8) = 9 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 7, 1) = 2 \cdot 23^{12} + 5 \cdot 23^{13} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 6, 2) = 11 \cdot 23^{12} + 5 \cdot 23^{14} + 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 6, 1, 1) = 13 \cdot 23^{12} + 13 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 6 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 5, 3) = 11 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 6 \cdot 23^{15} + 16 \cdot 23^{16} + 4 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 5, 2, 1) = 15 \cdot 23^{12} + 14 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 3 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 5, 1, 2) = 16 \cdot 23^{12} + 10 \cdot 23^{14} + 17 \cdot 23^{15} + 12 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 5, 1, 1, 1) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 4, 4) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 4, 3, 1) = 23^{12} + 2 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 6 \cdot 23^{17} + 15 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 4, 2, 2) = 4 \cdot 23^{12} + 22 \cdot 23^{13} + 15 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 4, 2, 1, 1) = 8 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 4, 1, 3) = 19 \cdot 23^{12} + 8 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{16} + 14 \cdot 23^{17} + 3 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 4, 1, 2, 1) = 11 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 4, 1, 1, 2) = 9 \cdot 23^{12} + 17 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 5 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 4, 1, 1, 1, 1) = 17 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 2 \cdot 23^{17} + 8 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 5) = 15 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 4, 1) = 13 \cdot 23^{12} + 23^{13} + 8 \cdot 23^{14} + 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 3, 2) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 4 \cdot 23^{14} + 14 \cdot 23^{15} + 14 \cdot 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 3, 1, 1) = 21 \cdot 23^{12} + 15 \cdot 23^{13} + 4 \cdot 23^{14} + 14 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 2, 3) = 7 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 19 \cdot 23^{15} + 9 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 2, 2, 1) = 7 \cdot 23^{12} + 19 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 2, 1, 2) = 10 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 14 \cdot 23^{16} + 20 \cdot 23^{17} + 5 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 2, 1, 1, 1) = 7 \cdot 23^{12} + 5 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 4) = 9 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 21 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 3, 1) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 9 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 2, 2) = 23^{12} + 12 \cdot 23^{13} + 12 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 7 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 2, 1, 1) = 3 \cdot 23^{12} + 7 \cdot 23^{13} + 6 \cdot 23^{14} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 3) = 20 \cdot 23^{12} + 18 \cdot 23^{13} + 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 2, 1) = 11 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 18 \cdot 23^{15} + 8 \cdot 23^{16} + 3 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 1, 2) = 22 \cdot 23^{13} + 15 \cdot 23^{14} + 19 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 12 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 3, 1, 1, 1, 1) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 4 \cdot 23^{14} + 4 \cdot 23^{15} + 17 \cdot 23^{16} + 12 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 6) = 16 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 5, 1) = 20 \cdot 23^{12} + 13 \cdot 23^{13} + 16 \cdot 23^{14} + 2 \cdot 23^{15} + 5 \cdot 23^{16} + 8 \cdot 23^{17} + 21 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 4, 2) = 20 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 22 \cdot 23^{16} + 12 \cdot 23^{17} + 13 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 4, 1, 1) = 19 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 3, 3) = 8 \cdot 23^{12} + 3 \cdot 23^{13} + 5 \cdot 23^{14} + 10 \cdot 23^{15} + 20 \cdot 23^{16} + 9 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 3, 2, 1) = 11 \cdot 23^{12} + 9 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 10 \cdot 23^{17} + 18 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 3, 1, 2) = 9 \cdot 23^{12} + 16 \cdot 23^{13} + 3 \cdot 23^{14} + 11 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 12 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 3, 1, 1) = 9 \cdot 23^{12} + 5 \cdot 23^{13} + 19 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 4) = 8 \cdot 23^{12} + 15 \cdot 23^{13} + 13 \cdot 23^{14} + 3 \cdot 23^{15} + 6 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 3, 1) = 2 \cdot 23^{12} + 17 \cdot 23^{13} + 13 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 22 \cdot 23^{17} + 14 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 2, 2) = 18 \cdot 23^{12} + 7 \cdot 23^{13} + 6 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 2, 1, 1) = 18 \cdot 23^{12} + 8 \cdot 23^{13} + 11 \cdot 23^{14} + 11 \cdot 23^{16} + 6 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 3) = 2 \cdot 23^{12} + 6 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 19 \cdot 23^{16} + 2 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 2, 1) = 8 \cdot 23^{12} + 10 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 1, 2) = 22 \cdot 23^{12} + 5 \cdot 23^{13} + 13 \cdot 23^{14} + 13 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 2, 1, 1, 1) = 21 \cdot 23^{12} + 23^{13} + 13 \cdot 23^{14} + 9 \cdot 23^{15} + 3 \cdot 23^{16} + 19 \cdot 23^{17} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 5) = 18 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 4, 1) = 8 \cdot 23^{12} + 7 \cdot 23^{13} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 3, 2) = 19 \cdot 23^{12} + 18 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{15} + 14 \cdot 23^{16} + 21 \cdot 23^{17} + 6 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 3, 1, 1) = 11 \cdot 23^{12} + 20 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 3) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 2 \cdot 23^{14} + 4 \cdot 23^{15} + 7 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 2, 1) = 4 \cdot 23^{12} + 6 \cdot 23^{13} + 20 \cdot 23^{14} + 23^{15} + 22 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 1, 2) = 4 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 2, 1, 1) = 20 \cdot 23^{12} + 23^{13} + 13 \cdot 23^{14} + 4 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 4) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 3, 1) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 20 \cdot 23^{14} + 19 \cdot 23^{15} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 5 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 2, 2) = 23^{12} + 15 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 22 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 18 \cdot 23^{12} + 18 \cdot 23^{13} + 2 \cdot 23^{14} + 11 \cdot 23^{15} + 2 \cdot 23^{16} + 23^{17} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 3) = 17 \cdot 23^{12} + 17 \cdot 23^{14} + 11 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 12 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 14 \cdot 23^{16} + 9 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 10 \cdot 23^{12} + 20 \cdot 23^{13} + 2 \cdot 23^{14} + 19 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 18 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 6 \cdot 23^{12} + 3 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 7) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 7 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 6, 1) = 10 \cdot 23^{12} + 4 \cdot 23^{13} + 17 \cdot 23^{14} + 2 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 5, 2) = 19 \cdot 23^{12} + 10 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 7 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 5, 1, 1) = 23^{13} + 22 \cdot 23^{14} + 10 \cdot 23^{15} + 13 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 4, 3) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 4, 2, 1) = 13 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 15 \cdot 23^{15} + 13 \cdot 23^{16} + 22 \cdot 23^{17} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 4, 1, 2) = 12 \cdot 23^{12} + 15 \cdot 23^{13} + 11 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 2 \cdot 23^{17} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 4, 1, 1) = 4 \cdot 23^{12} + 16 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 13 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 4) = 14 \cdot 23^{12} + 20 \cdot 23^{13} + 9 \cdot 23^{14} + 21 \cdot 23^{15} + 8 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 3, 1) = 6 \cdot 23^{12} + 11 \cdot 23^{13} + 11 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 2, 2) = 13 \cdot 23^{12} + 9 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 19 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 2, 1) = 2 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 3) = 23^{12} + 12 \cdot 23^{13} + 6 \cdot 23^{14} + 13 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 2, 1) = 11 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 17 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 1, 2) = 8 \cdot 23^{12} + 12 \cdot 23^{13} + 18 \cdot 23^{14} + 19 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 2 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 3, 1, 1, 1) = 2 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 2 \cdot 23^{16} + 20 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 5) = 9 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 4, 1) = 19 \cdot 23^{12} + 7 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 11 \cdot 23^{16} + 16 \cdot 23^{17} + 2 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 3, 2) = 7 \cdot 23^{12} + 3 \cdot 23^{13} + 9 \cdot 23^{14} + 4 \cdot 23^{15} + 13 \cdot 23^{16} + 7 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 3, 1, 1) = 3 \cdot 23^{12} + 4 \cdot 23^{13} + 16 \cdot 23^{14} + 15 \cdot 23^{15} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 10 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 3) = 13 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 17 \cdot 23^{15} + 21 \cdot 23^{16} + 16 \cdot 23^{17} + 10 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 2, 1) = 16 \cdot 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 18 \cdot 23^{15} + 16 \cdot 23^{16} + 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 1, 2) = 10 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 11 \cdot 23^{16} + 23^{17} + 14 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 2, 1, 1) = 21 \cdot 23^{12} + 9 \cdot 23^{13} + 6 \cdot 23^{14} + 11 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 4) = 12 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 5 \cdot 23^{15} + 2 \cdot 23^{16} + 16 \cdot 23^{17} + 9 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 3, 1) = 8 \cdot 23^{12} + 6 \cdot 23^{13} + 12 \cdot 23^{14} + 9 \cdot 23^{15} + 4 \cdot 23^{16} + 17 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 2, 2) = 19 \cdot 23^{12} + 7 \cdot 23^{14} + 12 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 2, 1) = 11 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 3) = 19 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 2, 1) = 11 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 6 \cdot 23^{16} + 6 \cdot 23^{17} + 7 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 1, 2) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 16 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 17 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 6) = 4 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 5, 1) = 11 \cdot 23^{12} + 19 \cdot 23^{13} + 18 \cdot 23^{14} + 15 \cdot 23^{15} + 2 \cdot 23^{16} + 14 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 4, 2) = 23^{13} + 12 \cdot 23^{14} + 6 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 8 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 4, 1, 1) = 22 \cdot 23^{12} + 9 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{16} + 18 \cdot 23^{17} + 3 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 3) = 21 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 23^{15} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 2, 1) = 13 \cdot 23^{12} + 23^{13} + 3 \cdot 23^{14} + 16 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 2 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 1, 2) = 13 \cdot 23^{12} + 2 \cdot 23^{13} + 16 \cdot 23^{14} + 14 \cdot 23^{15} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 3, 1, 1, 1) = 21 \cdot 23^{12} + 22 \cdot 23^{14} + 18 \cdot 23^{15} + 5 \cdot 23^{16} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 4) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 3 \cdot 23^{14} + 17 \cdot 23^{15} + 9 \cdot 23^{16} + 19 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 3, 1) = 10 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 14 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 2, 2) = 7 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 2, 1, 1) = 11 \cdot 23^{12} + 23^{13} + 13 \cdot 23^{14} + 2 \cdot 23^{15} + 8 \cdot 23^{16} + 6 \cdot 23^{17} + 19 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 3) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 9 \cdot 23^{14} + 19 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 2, 1) = 6 \cdot 23^{12} + 8 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 5) = 14 \cdot 23^{12} + 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 4, 1) = 18 \cdot 23^{13} + 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 22 \cdot 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 3, 2) = 17 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 17 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 3, 1, 1) = 14 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 8 \cdot 23^{15} + 12 \cdot 23^{16} + 2 \cdot 23^{17} + 6 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 3) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{15} + 18 \cdot 23^{16} + 22 \cdot 23^{17} + 11 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 2, 1) = 13 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 8 \cdot 23^{15} + 14 \cdot 23^{16} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 1, 2) = 23^{12} + 18 \cdot 23^{13} + 20 \cdot 23^{14} + 13 \cdot 23^{15} + 5 \cdot 23^{16} + 14 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 7 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 4) = 16 \cdot 23^{12} + 19 \cdot 23^{13} + 9 \cdot 23^{14} + 11 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 3, 1) = 18 \cdot 23^{12} + 23^{13} + 4 \cdot 23^{14} + 21 \cdot 23^{15} + 7 \cdot 23^{17} + 19 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 2, 2) = 10 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 23^{12} + 23^{13} + 21 \cdot 23^{14} + 12 \cdot 23^{15} + 17 \cdot 23^{16} + 17 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1, 3) = 16 \cdot 23^{13} + 12 \cdot 23^{14} + 19 \cdot 23^{15} + 20 \cdot 23^{16} + 15 \cdot 23^{17} + 6 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 14 \cdot 23^{12} + 9 \cdot 23^{13} + 10 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 9) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 8, 1) = 4 \cdot 23^{12} + 11 \cdot 23^{13} + 23^{14} + 9 \cdot 23^{15} + 22 \cdot 23^{16} + 15 \cdot 23^{17} + 22 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 7, 2) = 11 \cdot 23^{12} + 6 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 7, 1, 1) = 8 \cdot 23^{12} + 22 \cdot 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 3 \cdot 23^{17} + 15 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 6, 3) = 9 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 3 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 6, 2, 1) = 6 \cdot 23^{12} + 22 \cdot 23^{14} + 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 6, 1, 2) = 16 \cdot 23^{13} + 7 \cdot 23^{14} + 14 \cdot 23^{15} + 7 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 6, 1, 1, 1) = 18 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 23^{15} + 7 \cdot 23^{16} + 15 \cdot 23^{17} + 3 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 5, 4) = 14 \cdot 23^{12} + 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 5, 3, 1) = 11 \cdot 23^{12} + 16 \cdot 23^{13} + 15 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 5, 2, 2) = 17 \cdot 23^{12} + 14 \cdot 23^{13} + 21 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 14 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 5, 2, 1, 1) = 17 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 5, 1, 3) = 10 \cdot 23^{12} + 11 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 17 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 5, 1, 2, 1) = 19 \cdot 23^{12} + 17 \cdot 23^{13} + 10 \cdot 23^{14} + 6 \cdot 23^{15} + 14 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 5, 1, 1, 2) = 18 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 15 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 5, 1, 1, 1) = 14 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 2 \cdot 23^{17} + 4 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 5) = 17 \cdot 23^{12} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 4, 1) = 8 \cdot 23^{12} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 14 \cdot 23^{17} + 13 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 3, 2) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 21 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 3, 1, 1) = 16 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 2, 3) = 2 \cdot 23^{12} + 13 \cdot 23^{13} + 15 \cdot 23^{14} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 8 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 2, 2, 1) = 17 \cdot 23^{13} + 14 \cdot 23^{14} + 9 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 2, 1, 2) = 15 \cdot 23^{13} + 10 \cdot 23^{14} + 7 \cdot 23^{15} + 13 \cdot 23^{16} + 6 \cdot 23^{17} + 22 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 2, 1, 1, 1) = 11 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{14} + 10 \cdot 23^{15} + 12 \cdot 23^{16} + 16 \cdot 23^{17} + 14 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 4) = 11 \cdot 23^{12} + 3 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 10 \cdot 23^{16} + 14 \cdot 23^{17} + 5 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 3, 1) = 20 \cdot 23^{12} + 5 \cdot 23^{13} + 12 \cdot 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 5 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 2, 2) = 14 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{14} + 7 \cdot 23^{15} + 12 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 2, 1, 1) = 6 \cdot 23^{13} + 12 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 21 \cdot 23^{17} + 18 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 3) = 15 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 17 \cdot 23^{17} + 9 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 2, 1) = 2 \cdot 23^{12} + 4 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{15} + 21 \cdot 23^{16} + 9 \cdot 23^{17} + 9 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 1, 2) = 7 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 4, 1, 1, 1, 1, 1) = 19 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 8 \cdot 23^{16} + 2 \cdot 23^{17} + 13 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 6) = 13 \cdot 23^{12} + 23^{13} + 23^{14} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 5, 1) = 3 \cdot 23^{14} + 4 \cdot 23^{15} + 20 \cdot 23^{16} + 2 \cdot 23^{17} + 16 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 4, 2) = 4 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{17} + 14 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 4, 1, 1) = 17 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{14} + 9 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 3, 3) = 9 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 3, 2, 1) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 22 \cdot 23^{14} + 17 \cdot 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 3, 1, 2) = 20 \cdot 23^{13} + 20 \cdot 23^{14} + 9 \cdot 23^{15} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 8 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 3, 1, 1, 1) = 22 \cdot 23^{12} + 4 \cdot 23^{14} + 6 \cdot 23^{15} + 22 \cdot 23^{16} + 16 \cdot 23^{17} + 22 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 4) = 18 \cdot 23^{12} + 23^{13} + 22 \cdot 23^{14} + 2 \cdot 23^{15} + 10 \cdot 23^{16} + 18 \cdot 23^{17} + 12 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 3, 1) = 3 \cdot 23^{12} + 12 \cdot 23^{14} + 7 \cdot 23^{15} + 3 \cdot 23^{17} + 4 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 2, 2) = 20 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 18 \cdot 23^{16} + 5 \cdot 23^{17} + 22 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 2, 1, 1) = 21 \cdot 23^{12} + 12 \cdot 23^{13} + 16 \cdot 23^{14} + 9 \cdot 23^{15} + 12 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 3) = 20 \cdot 23^{13} + 6 \cdot 23^{14} + 8 \cdot 23^{15} + 22 \cdot 23^{16} + 4 \cdot 23^{17} + 15 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 2, 1) = 11 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{14} + 14 \cdot 23^{15} + 12 \cdot 23^{16} + 5 \cdot 23^{17} + 18 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 1, 2) = 10 \cdot 23^{12} + 4 \cdot 23^{13} + 3 \cdot 23^{14} + 4 \cdot 23^{15} + 18 \cdot 23^{16} + 16 \cdot 23^{17} + 13 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 19 \cdot 23^{12} + 18 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 16 \cdot 23^{16} + 17 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 5) = 22 \cdot 23^{12} + 8 \cdot 23^{13} + 4 \cdot 23^{14} + 17 \cdot 23^{15} + 3 \cdot 23^{16} + 3 \cdot 23^{17} + 22 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 4, 1) = 15 \cdot 23^{12} + 2 \cdot 23^{13} + 12 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 3, 2) = 15 \cdot 23^{12} + 2 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 18 \cdot 23^{16} + 3 \cdot 23^{17} + 17 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 3, 1, 1) = 8 \cdot 23^{12} + 18 \cdot 23^{13} + 7 \cdot 23^{14} + 5 \cdot 23^{15} + 9 \cdot 23^{16} + 14 \cdot 23^{17} + 15 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 3) = 22 \cdot 23^{12} + 13 \cdot 23^{13} + 18 \cdot 23^{14} + 2 \cdot 23^{15} + 3 \cdot 23^{16} + 11 \cdot 23^{17} + 11 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 2, 1) = 4 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 7 \cdot 23^{17} + 22 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 1, 2) = 5 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 6 \cdot 23^{17} + 9 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 4 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 4) = 16 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 16 \cdot 23^{15} + 22 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 3, 1) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 3 \cdot 23^{14} + 12 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 21 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 2, 2) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 19 \cdot 23^{14} + 13 \cdot 23^{15} + 11 \cdot 23^{16} + 4 \cdot 23^{17} + 7 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 11 \cdot 23^{12} + 20 \cdot 23^{13} + 10 \cdot 23^{14} + 19 \cdot 23^{15} + 13 \cdot 23^{16} + 21 \cdot 23^{17} + 9 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 3) = 22 \cdot 23^{12} + 22 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 15 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{15} + 6 \cdot 23^{16} + 12 \cdot 23^{17} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 21 \cdot 23^{16} + 12 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 10 \cdot 23^{12} + 12 \cdot 23^{13} + 20 \cdot 23^{14} + 23^{15} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 17 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 7) = 5 \cdot 23^{13} + 3 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 6, 1) = 5 \cdot 23^{12} + 12 \cdot 23^{13} + 21 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 13 \cdot 23^{17} + 17 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 5, 2) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 2 \cdot 23^{14} + 17 \cdot 23^{15} + 7 \cdot 23^{16} + 9 \cdot 23^{17} + 19 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 5, 1, 1) = 22 \cdot 23^{12} + 17 \cdot 23^{13} + 16 \cdot 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 12 \cdot 23^{17} + 22 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 4, 3) = 9 \cdot 23^{12} + 7 \cdot 23^{13} + 19 \cdot 23^{14} + 12 \cdot 23^{15} + 4 \cdot 23^{16} + 12 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 4, 2, 1) = 14 \cdot 23^{12} + 7 \cdot 23^{13} + 2 \cdot 23^{14} + 18 \cdot 23^{15} + 12 \cdot 23^{16} + 23^{17} + 18 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 4, 1, 2) = 20 \cdot 23^{12} + 2 \cdot 23^{13} + 18 \cdot 23^{14} + 21 \cdot 23^{15} + 19 \cdot 23^{16} + 8 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 4, 1, 1, 1) = 14 \cdot 23^{13} + 12 \cdot 23^{14} + 4 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 21 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 4) = 9 \cdot 23^{12} + 9 \cdot 23^{13} + 14 \cdot 23^{14} + 23^{15} + 2 \cdot 23^{16} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 3, 1) = 14 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 19 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 2, 2) = 22 \cdot 23^{12} + 18 \cdot 23^{13} + 12 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 12 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 2, 1, 1) = 5 \cdot 23^{12} + 15 \cdot 23^{13} + 8 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 3) = 13 \cdot 23^{12} + 20 \cdot 23^{13} + 4 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 21 \cdot 23^{17} + 11 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 2, 1) = 4 \cdot 23^{13} + 2 \cdot 23^{14} + 12 \cdot 23^{15} + 7 \cdot 23^{16} + 4 \cdot 23^{17} + 18 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 1, 2) = 5 \cdot 23^{12} + 6 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 11 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 18 \cdot 23^{12} + 21 \cdot 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 5 \cdot 23^{16} + 15 \cdot 23^{17} + 22 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 5) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 19 \cdot 23^{14} + 9 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 4, 1) = 14 \cdot 23^{12} + 5 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 22 \cdot 23^{17} + 18 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 3, 2) = 4 \cdot 23^{12} + 5 \cdot 23^{13} + 5 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 2 \cdot 23^{17} + 21 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 3, 1, 1) = 22 \cdot 23^{12} + 15 \cdot 23^{13} + 22 \cdot 23^{14} + 21 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 3) = 14 \cdot 23^{12} + 21 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 16 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 2, 1) = 12 \cdot 23^{13} + 4 \cdot 23^{14} + 2 \cdot 23^{15} + 2 \cdot 23^{16} + 9 \cdot 23^{17} + 4 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 1, 2) = 9 \cdot 23^{12} + 19 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 3 \cdot 23^{16} + 16 \cdot 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 16 \cdot 23^{12} + 3 \cdot 23^{13} + 11 \cdot 23^{15} + 23^{16} + 20 \cdot 23^{17} + 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 4) = 21 \cdot 23^{12} + 10 \cdot 23^{13} + 17 \cdot 23^{14} + 7 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 3, 1) = 20 \cdot 23^{12} + 9 \cdot 23^{13} + 15 \cdot 23^{14} + 12 \cdot 23^{15} + 19 \cdot 23^{17} + 12 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 2, 2) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 6 \cdot 23^{14} + 19 \cdot 23^{16} + 16 \cdot 23^{17} + 18 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 12 \cdot 23^{12} + 9 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 10 \cdot 23^{16} + 21 \cdot 23^{17} + 8 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 3) = 16 \cdot 23^{12} + 20 \cdot 23^{13} + 21 \cdot 23^{14} + 5 \cdot 23^{15} + 3 \cdot 23^{16} + 20 \cdot 23^{17} + 6 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 8 \cdot 23^{12} + 20 \cdot 23^{13} + 8 \cdot 23^{14} + 22 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 21 \cdot 23^{12} + 16 \cdot 23^{14} + 19 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 21 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 9 \cdot 23^{12} + 17 \cdot 23^{13} + 14 \cdot 23^{14} + 11 \cdot 23^{15} + 12 \cdot 23^{16} + 10 \cdot 23^{17} + 10 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 6) = 13 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 5, 1) = 11 \cdot 23^{12} + 15 \cdot 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 19 \cdot 23^{17} + 16 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 4, 2) = 3 \cdot 23^{12} + 20 \cdot 23^{13} + 7 \cdot 23^{14} + 16 \cdot 23^{15} + 2 \cdot 23^{16} + 5 \cdot 23^{17} + 7 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 4, 1, 1) = 8 \cdot 23^{12} + 3 \cdot 23^{13} + 20 \cdot 23^{14} + 21 \cdot 23^{15} + 18 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 3) = 16 \cdot 23^{12} + 8 \cdot 23^{13} + 13 \cdot 23^{14} + 12 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 2, 1) = 20 \cdot 23^{12} + 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 14 \cdot 23^{16} + 8 \cdot 23^{17} + 10 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 1, 2) = 2 \cdot 23^{12} + 15 \cdot 23^{14} + 7 \cdot 23^{15} + 11 \cdot 23^{16} + 20 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 3, 1, 1, 1) = 11 \cdot 23^{13} + 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 13 \cdot 23^{17} + 2 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 4) = 15 \cdot 23^{12} + 14 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 3, 1) = 6 \cdot 23^{12} + 10 \cdot 23^{13} + 4 \cdot 23^{14} + 7 \cdot 23^{15} + 17 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 2, 2) = 5 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 16 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 12 \cdot 23^{14} + 20 \cdot 23^{15} + 16 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 3) = 9 \cdot 23^{13} + 22 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 5 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 22 \cdot 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 21 \cdot 23^{17} + 22 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 7 \cdot 23^{12} + 11 \cdot 23^{13} + 21 \cdot 23^{14} + 3 \cdot 23^{15} + 5 \cdot 23^{16} + 3 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 2, 1, 1, 1, 1) = 9 \cdot 23^{12} + 5 \cdot 23^{13} + 6 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 5) = 17 \cdot 23^{12} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 15 \cdot 23^{16} + 18 \cdot 23^{17} + 4 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 4, 1) = 12 \cdot 23^{12} + 4 \cdot 23^{13} + 9 \cdot 23^{14} + 23^{15} + 16 \cdot 23^{16} + 14 \cdot 23^{17} + 17 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 3, 2) = 6 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 12 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 2 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 22 \cdot 23^{15} + 9 \cdot 23^{16} + 23^{17} + 12 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 3) = 13 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{14} + 11 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 21 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 13 \cdot 23^{12} + 6 \cdot 23^{13} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 4 \cdot 23^{17} + 11 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 9 \cdot 23^{12} + 14 \cdot 23^{13} + 10 \cdot 23^{14} + 15 \cdot 23^{15} + 22 \cdot 23^{16} + 6 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 19 \cdot 23^{12} + 3 \cdot 23^{13} + 10 \cdot 23^{14} + 11 \cdot 23^{15} + 8 \cdot 23^{16} + 23^{17} + 17 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 4) = 23^{12} + 8 \cdot 23^{13} + 3 \cdot 23^{14} + 6 \cdot 23^{15} + 7 \cdot 23^{17} + 11 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 19 \cdot 23^{12} + 7 \cdot 23^{13} + 16 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 12 \cdot 23^{17} + 21 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 23^{12} + 12 \cdot 23^{13} + 2 \cdot 23^{14} + 10 \cdot 23^{15} + 19 \cdot 23^{16} + 4 \cdot 23^{17} + 22 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 9 \cdot 23^{12} + 5 \cdot 23^{13} + 6 \cdot 23^{14} + 8 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 6 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 16 \cdot 23^{12} + 13 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 20 \cdot 23^{12} + 7 \cdot 23^{13} + 13 \cdot 23^{15} + 15 \cdot 23^{16} + 9 \cdot 23^{17} + 21 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 12 \cdot 23^{12} + 2 \cdot 23^{13} + 19 \cdot 23^{14} + 20 \cdot 23^{15} + 8 \cdot 23^{16} + 21 \cdot 23^{17} + 7 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 8) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 7, 1) = 22 \cdot 23^{13} + 6 \cdot 23^{14} + 14 \cdot 23^{15} + 9 \cdot 23^{16} + 8 \cdot 23^{17} + 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 6, 2) = 17 \cdot 23^{13} + 4 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{17} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 6, 1, 1) = 15 \cdot 23^{12} + 23^{13} + 7 \cdot 23^{14} + 18 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 5, 3) = 2 \cdot 23^{12} + 20 \cdot 23^{13} + 6 \cdot 23^{14} + 3 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 5, 2, 1) = 7 \cdot 23^{12} + 4 \cdot 23^{13} + 12 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 22 \cdot 23^{17} + 20 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 5, 1, 2) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 6 \cdot 23^{15} + 2 \cdot 23^{16} + 12 \cdot 23^{17} + 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 5, 1, 1, 1) = 19 \cdot 23^{12} + 13 \cdot 23^{13} + 14 \cdot 23^{14} + 16 \cdot 23^{15} + 21 \cdot 23^{16} + 14 \cdot 23^{17} + 21 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 4) = 4 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 21 \cdot 23^{15} + 14 \cdot 23^{16} + 16 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 3, 1) = 19 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 12 \cdot 23^{15} + 11 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 2, 2) = 9 \cdot 23^{12} + 11 \cdot 23^{13} + 13 \cdot 23^{14} + 10 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 2, 1, 1) = 2 \cdot 23^{12} + 14 \cdot 23^{13} + 5 \cdot 23^{14} + 7 \cdot 23^{15} + 14 \cdot 23^{16} + 13 \cdot 23^{17} + 3 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 3) = 4 \cdot 23^{13} + 9 \cdot 23^{14} + 7 \cdot 23^{15} + 18 \cdot 23^{16} + 14 \cdot 23^{17} + 16 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 2, 1) = 15 \cdot 23^{12} + 10 \cdot 23^{13} + 22 \cdot 23^{14} + 20 \cdot 23^{15} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 1, 2) = 14 \cdot 23^{12} + 2 \cdot 23^{13} + 14 \cdot 23^{14} + 18 \cdot 23^{15} + 17 \cdot 23^{16} + 16 \cdot 23^{17} + 7 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 11 \cdot 23^{12} + 11 \cdot 23^{14} + 15 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 5) = 13 \cdot 23^{12} + 3 \cdot 23^{13} + 18 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 7 \cdot 23^{17} + 5 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 4, 1) = 15 \cdot 23^{12} + 12 \cdot 23^{13} + 13 \cdot 23^{14} + 8 \cdot 23^{15} + 16 \cdot 23^{16} + 7 \cdot 23^{17} + 18 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 3, 2) = 2 \cdot 23^{12} + 16 \cdot 23^{13} + 6 \cdot 23^{14} + 7 \cdot 23^{15} + 6 \cdot 23^{16} + 21 \cdot 23^{17} + 3 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 3, 1, 1) = 21 \cdot 23^{12} + 13 \cdot 23^{13} + 9 \cdot 23^{14} + 15 \cdot 23^{15} + 7 \cdot 23^{16} + 11 \cdot 23^{17} + 20 \cdot 23^{18} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 3) = 16 \cdot 23^{12} + 12 \cdot 23^{13} + 11 \cdot 23^{14} + 23^{15} + 12 \cdot 23^{16} + 11 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 2, 1) = 4 \cdot 23^{12} + 20 \cdot 23^{13} + 11 \cdot 23^{14} + 4 \cdot 23^{15} + 10 \cdot 23^{16} + 19 \cdot 23^{17} + 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 1, 2) = 11 \cdot 23^{12} + 11 \cdot 23^{13} + 19 \cdot 23^{14} + 19 \cdot 23^{15} + 21 \cdot 23^{16} + 19 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 3 \cdot 23^{12} + 10 \cdot 23^{13} + 18 \cdot 23^{14} + 16 \cdot 23^{15} + 4 \cdot 23^{16} + 9 \cdot 23^{17} + 11 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 4) = 8 \cdot 23^{12} + 17 \cdot 23^{13} + 22 \cdot 23^{14} + 22 \cdot 23^{15} + 6 \cdot 23^{16} + 5 \cdot 23^{17} + 9 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 3, 1) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 5 \cdot 23^{14} + 2 \cdot 23^{15} + 8 \cdot 23^{16} + 7 \cdot 23^{17} + 15 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 2, 2) = 17 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 5 \cdot 23^{16} + 22 \cdot 23^{17} + 15 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 7 \cdot 23^{12} + 6 \cdot 23^{13} + 11 \cdot 23^{14} + 16 \cdot 23^{15} + 16 \cdot 23^{16} + 5 \cdot 23^{17} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 3) = 18 \cdot 23^{12} + 7 \cdot 23^{13} + 4 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 6 \cdot 23^{17} + 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 5 \cdot 23^{12} + 17 \cdot 23^{13} + 20 \cdot 23^{14} + 16 \cdot 23^{15} + 8 \cdot 23^{16} + 16 \cdot 23^{17} + 3 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 23^{12} + 18 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 7 \cdot 23^{16} + 17 \cdot 23^{17} + 6 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 3, 1, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 6) = 6 \cdot 23^{12} + 12 \cdot 23^{13} + 9 \cdot 23^{14} + 14 \cdot 23^{15} + 19 \cdot 23^{16} + 11 \cdot 23^{17} + 19 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 5, 1) = 6 \cdot 23^{12} + 15 \cdot 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 11 \cdot 23^{16} + 2 \cdot 23^{17} + 5 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 4, 2) = 15 \cdot 23^{12} + 16 \cdot 23^{13} + 17 \cdot 23^{14} + 6 \cdot 23^{15} + 14 \cdot 23^{16} + 18 \cdot 23^{17} + 17 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 4, 1, 1) = 19 \cdot 23^{12} + 20 \cdot 23^{13} + 14 \cdot 23^{14} + 5 \cdot 23^{15} + 17 \cdot 23^{16} + 10 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 3) = 6 \cdot 23^{12} + 2 \cdot 23^{13} + 23^{14} + 11 \cdot 23^{15} + 4 \cdot 23^{17} + 19 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 2, 1) = 13 \cdot 23^{12} + 7 \cdot 23^{13} + 23^{14} + 3 \cdot 23^{15} + 17 \cdot 23^{16} + 21 \cdot 23^{17} + 17 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 1, 2) = 22 \cdot 23^{12} + 9 \cdot 23^{13} + 11 \cdot 23^{14} + 15 \cdot 23^{16} + 23^{17} + 21 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 10 \cdot 23^{12} + 19 \cdot 23^{14} + 10 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 12 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 4) = 16 \cdot 23^{12} + 23^{13} + 14 \cdot 23^{14} + 14 \cdot 23^{15} + 10 \cdot 23^{17} + 6 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 3, 1) = 13 \cdot 23^{12} + 23^{13} + 5 \cdot 23^{14} + 23^{15} + 10 \cdot 23^{16} + 9 \cdot 23^{17} + 21 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 2, 2) = 2 \cdot 23^{12} + 18 \cdot 23^{13} + 23^{14} + 20 \cdot 23^{15} + 10 \cdot 23^{16} + 23^{17} + 20 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 23^{12} + 8 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 11 \cdot 23^{16} + 17 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 3) = 4 \cdot 23^{12} + 17 \cdot 23^{13} + 8 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 5 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 2, 1) = 4 \cdot 23^{13} + 22 \cdot 23^{15} + 19 \cdot 23^{16} + 13 \cdot 23^{17} + 2 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 1, 2) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 18 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 21 \cdot 23^{17} + 2 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 15 \cdot 23^{12} + 12 \cdot 23^{13} + 19 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 10 \cdot 23^{18} + 10 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 5) = 13 \cdot 23^{12} + 23^{13} + 23^{14} + 21 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 4, 1) = 12 \cdot 23^{12} + 16 \cdot 23^{13} + 18 \cdot 23^{14} + 3 \cdot 23^{15} + 13 \cdot 23^{16} + 3 \cdot 23^{17} + 11 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 3, 2) = 9 \cdot 23^{12} + 7 \cdot 23^{13} + 10 \cdot 23^{14} + 9 \cdot 23^{15} + 8 \cdot 23^{16} + 17 \cdot 23^{17} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 3, 1, 1) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 17 \cdot 23^{14} + 17 \cdot 23^{15} + 15 \cdot 23^{16} + 2 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 3) = 13 \cdot 23^{12} + 5 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{16} + 7 \cdot 23^{17} + 20 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 2, 1) = 9 \cdot 23^{12} + 16 \cdot 23^{13} + 8 \cdot 23^{14} + 9 \cdot 23^{15} + 6 \cdot 23^{16} + 13 \cdot 23^{17} + 19 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 1, 2) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 15 \cdot 23^{14} + 3 \cdot 23^{15} + 8 \cdot 23^{17} + 6 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 9 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 7 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 4) = 16 \cdot 23^{12} + 20 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 5 \cdot 23^{17} + 8 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 3, 1) = 9 \cdot 23^{12} + 12 \cdot 23^{13} + 5 \cdot 23^{14} + 19 \cdot 23^{15} + 17 \cdot 23^{16} + 6 \cdot 23^{17} + 3 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 2, 2) = 16 \cdot 23^{12} + 23^{13} + 12 \cdot 23^{14} + 10 \cdot 23^{15} + 11 \cdot 23^{16} + 15 \cdot 23^{17} + 5 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 9 \cdot 23^{12} + 16 \cdot 23^{13} + 2 \cdot 23^{14} + 14 \cdot 23^{15} + 7 \cdot 23^{16} + 7 \cdot 23^{17} + 12 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1, 3) = 3 \cdot 23^{12} + 19 \cdot 23^{13} + 21 \cdot 23^{14} + 16 \cdot 23^{15} + 17 \cdot 23^{16} + 12 \cdot 23^{17} + 12 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 4 \cdot 23^{12} + 22 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 22 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 7) = 15 \cdot 23^{12} + 7 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 23^{16} + 10 \cdot 23^{17} + 16 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 6, 1) = 14 \cdot 23^{12} + 11 \cdot 23^{13} + 5 \cdot 23^{14} + 14 \cdot 23^{15} + 6 \cdot 23^{16} + 20 \cdot 23^{17} + 13 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 5, 2) = 3 \cdot 23^{12} + 12 \cdot 23^{13} + 8 \cdot 23^{14} + 8 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 5, 1, 1) = 18 \cdot 23^{12} + 11 \cdot 23^{13} + 14 \cdot 23^{14} + 17 \cdot 23^{15} + 23^{16} + 15 \cdot 23^{17} + 2 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 3) = 7 \cdot 23^{12} + 11 \cdot 23^{14} + 18 \cdot 23^{15} + 19 \cdot 23^{16} + 7 \cdot 23^{17} + 13 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 2, 1) = 3 \cdot 23^{12} + 10 \cdot 23^{13} + 11 \cdot 23^{14} + 8 \cdot 23^{15} + 13 \cdot 23^{16} + 15 \cdot 23^{17} + 17 \cdot 23^{18} + 12 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 1, 2) = 8 \cdot 23^{12} + 16 \cdot 23^{13} + 14 \cdot 23^{14} + 10 \cdot 23^{15} + 15 \cdot 23^{16} + 20 \cdot 23^{17} + 8 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 2 \cdot 23^{12} + 17 \cdot 23^{13} + 23^{14} + 18 \cdot 23^{15} + 15 \cdot 23^{16} + 12 \cdot 23^{17} + 11 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 4) = 16 \cdot 23^{12} + 17 \cdot 23^{13} + 7 \cdot 23^{14} + 2 \cdot 23^{15} + 7 \cdot 23^{16} + 23^{17} + 16 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
 \zeta_{23}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 3, 1) = 15 \cdot 23^{13} + 22 \cdot 23^{14} + 19 \cdot 23^{15} + 2 \cdot 23^{16} + 8 \cdot 23^{17} + 3 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 2, 2) = 5 \cdot 23^{12} + 22 \cdot 23^{13} + 18 \cdot 23^{14} + 22 \cdot 23^{15} + 17 \cdot 23^{16} + 20 \cdot 23^{17} + 12 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 15 \cdot 23^{12} + 10 \cdot 23^{13} + 18 \cdot 23^{14} + 17 \cdot 23^{16} + 9 \cdot 23^{17} + 7 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 3) = 2 \cdot 23^{12} + 21 \cdot 23^{13} + 2 \cdot 23^{14} + 20 \cdot 23^{15} + 12 \cdot 23^{16} + 20 \cdot 23^{18} + 20 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 22 \cdot 23^{12} + 3 \cdot 23^{13} + 23^{14} + 13 \cdot 23^{15} + 13 \cdot 23^{16} + 10 \cdot 23^{17} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 12 \cdot 23^{12} + 3 \cdot 23^{13} + 13 \cdot 23^{14} + 20 \cdot 23^{15} + 5 \cdot 23^{16} + 23^{17} + 2 \cdot 23^{18} + 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 9 \cdot 23^{12} + 9 \cdot 23^{13} + 4 \cdot 23^{14} + 6 \cdot 23^{16} + 15 \cdot 23^{17} + 13 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 5) = 5 \cdot 23^{13} + 3 \cdot 23^{14} + 8 \cdot 23^{15} + 2 \cdot 23^{16} + 13 \cdot 23^{17} + 2 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 4, 1) = 16 \cdot 23^{12} + 16 \cdot 23^{13} + 10 \cdot 23^{14} + 11 \cdot 23^{15} + 4 \cdot 23^{16} + 20 \cdot 23^{17} + 16 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 3, 2) = 14 \cdot 23^{12} + 20 \cdot 23^{13} + 22 \cdot 23^{14} + 11 \cdot 23^{15} + 10 \cdot 23^{16} + 20 \cdot 23^{17} + 20 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 9 \cdot 23^{13} + 8 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 4 \cdot 23^{17} + 3 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 3) = 11 \cdot 23^{12} + 4 \cdot 23^{13} + 22 \cdot 23^{14} + 16 \cdot 23^{15} + 6 \cdot 23^{16} + 23^{17} + 15 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 4 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 3 \cdot 23^{15} + 18 \cdot 23^{16} + 15 \cdot 23^{17} + 20 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 3 \cdot 23^{12} + 21 \cdot 23^{13} + 4 \cdot 23^{14} + 15 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 23^{12} + 23^{13} + 9 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 4 \cdot 23^{17} + 12 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 4) = 17 \cdot 23^{12} + 7 \cdot 23^{13} + 15 \cdot 23^{14} + 21 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 7 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 7 \cdot 23^{12} + 9 \cdot 23^{13} + 23^{14} + 2 \cdot 23^{15} + 21 \cdot 23^{17} + 5 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 22 \cdot 23^{12} + 8 \cdot 23^{13} + 10 \cdot 23^{14} + 3 \cdot 23^{15} + 16 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 14 \cdot 23^{12} + 6 \cdot 23^{13} + 20 \cdot 23^{14} + 8 \cdot 23^{15} + 15 \cdot 23^{16} + 15 \cdot 23^{17} + 10 \cdot 23^{18} + 18 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 13 \cdot 23^{12} + 15 \cdot 23^{13} + 23^{14} + 22 \cdot 23^{15} + 13 \cdot 23^{16} + 14 \cdot 23^{17} + 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 23^{12} + 18 \cdot 23^{13} + 14 \cdot 23^{14} + 4 \cdot 23^{15} + 8 \cdot 23^{16} + 4 \cdot 23^{17} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 7 \cdot 23^{12} + 19 \cdot 23^{13} + 5 \cdot 23^{14} + 4 \cdot 23^{15} + 14 \cdot 23^{16} + 3 \cdot 23^{17} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 6) = 14 \cdot 23^{12} + 19 \cdot 23^{13} + 17 \cdot 23^{14} + 5 \cdot 23^{15} + 5 \cdot 23^{16} + 10 \cdot 23^{17} + 15 \cdot 23^{18} + 3 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 5, 1) = 2 \cdot 23^{12} + 7 \cdot 23^{13} + 22 \cdot 23^{14} + 8 \cdot 23^{15} + 6 \cdot 23^{16} + 22 \cdot 23^{17} + 6 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 4, 2) = 11 \cdot 23^{12} + 7 \cdot 23^{13} + 23^{14} + 17 \cdot 23^{15} + 2 \cdot 23^{16} + 22 \cdot 23^{17} + 22 \cdot 23^{18} + 17 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 20 \cdot 23^{12} + 12 \cdot 23^{13} + 8 \cdot 23^{14} + 11 \cdot 23^{15} + 21 \cdot 23^{16} + 8 \cdot 23^{17} + 3 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 3) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 19 \cdot 23^{14} + 21 \cdot 23^{15} + 21 \cdot 23^{16} + 11 \cdot 23^{17} + 9 \cdot 23^{18} + 11 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 2 \cdot 23^{12} + 19 \cdot 23^{13} + 8 \cdot 23^{14} + 5 \cdot 23^{15} + 18 \cdot 23^{16} + 23^{17} + 10 \cdot 23^{18} + 6 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 11 \cdot 23^{12} + 23^{13} + 20 \cdot 23^{15} + 20 \cdot 23^{16} + 13 \cdot 23^{17} + 22 \cdot 23^{18} + 16 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 23^{13} + 6 \cdot 23^{14} + 21 \cdot 23^{15} + 9 \cdot 23^{16} + 20 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 4) = 9 \cdot 23^{12} + 21 \cdot 23^{13} + 13 \cdot 23^{14} + 17 \cdot 23^{15} + 8 \cdot 23^{16} + 22 \cdot 23^{17} + 9 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 4 \cdot 23^{12} + 8 \cdot 23^{13} + 8 \cdot 23^{14} + 14 \cdot 23^{15} + 22 \cdot 23^{16} + 19 \cdot 23^{17} + 10 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 12 \cdot 23^{12} + 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 13 \cdot 23^{16} + 2 \cdot 23^{17} + 7 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 18 \cdot 23^{12} + 10 \cdot 23^{14} + 2 \cdot 23^{15} + 6 \cdot 23^{16} + 3 \cdot 23^{17} + 8 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 3) = 10 \cdot 23^{12} + 10 \cdot 23^{13} + 7 \cdot 23^{14} + 19 \cdot 23^{15} + 4 \cdot 23^{16} + 4 \cdot 23^{18} + 7 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 5 \cdot 23^{12} + 23^{14} + 2 \cdot 23^{15} + 15 \cdot 23^{16} + 16 \cdot 23^{17} + 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 22 \cdot 23^{12} + 15 \cdot 23^{13} + 7 \cdot 23^{14} + 13 \cdot 23^{15} + 17 \cdot 23^{17} + 15 \cdot 23^{18} + 8 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 5) = 5 \cdot 23^{12} + 5 \cdot 23^{13} + 7 \cdot 23^{14} + 3 \cdot 23^{15} + 15 \cdot 23^{16} + 23^{17} + 11 \cdot 23^{18} + 19 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 4, 1) = 2 \cdot 23^{13} + 10 \cdot 23^{14} + 23^{16} + 18 \cdot 23^{17} + 13 \cdot 23^{18} + 9 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 3, 2) = 7 \cdot 23^{12} + 14 \cdot 23^{13} + 20 \cdot 23^{14} + 11 \cdot 23^{15} + 19 \cdot 23^{16} + 21 \cdot 23^{17} + 20 \cdot 23^{18} + 2 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 15 \cdot 23^{12} + 19 \cdot 23^{13} + 10 \cdot 23^{14} + 20 \cdot 23^{15} + 9 \cdot 23^{16} + 22 \cdot 23^{17} + 2 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2, 3) = 7 \cdot 23^{12} + 16 \cdot 23^{13} + 21 \cdot 23^{14} + 10 \cdot 23^{15} + 11 \cdot 23^{16} + 11 \cdot 23^{17} + 2 \cdot 23^{18} + 14 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 17 \cdot 23^{13} + 8 \cdot 23^{14} + 10 \cdot 23^{15} + 18 \cdot 23^{17} + 14 \cdot 23^{18} + 15 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 17 \cdot 23^{12} + 22 \cdot 23^{13} + 19 \cdot 23^{14} + 14 \cdot 23^{15} + 3 \cdot 23^{16} + 14 \cdot 23^{18} + 21 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 4) = 23^{12} + 4 \cdot 23^{13} + 17 \cdot 23^{14} + 12 \cdot 23^{15} + 23^{16} + 7 \cdot 23^{17} + 16 \cdot 23^{18} + 4 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 12 \cdot 23^{12} + 6 \cdot 23^{13} + 4 \cdot 23^{14} + 12 \cdot 23^{15} + 10 \cdot 23^{16} + 13 \cdot 23^{17} + 15 \cdot 23^{18} + 22 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 9 \cdot 23^{12} + 8 \cdot 23^{13} + 7 \cdot 23^{14} + 8 \cdot 23^{15} + 9 \cdot 23^{16} + 18 \cdot 23^{17} + 20 \cdot 23^{18} + 13 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 14 \cdot 23^{12} + 14 \cdot 23^{13} + 12 \cdot 23^{14} + 2 \cdot 23^{15} + 14 \cdot 23^{16} + 10 \cdot 23^{17} + 12 \cdot 23^{18} + 5 \cdot 23^{19} + O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(23^{20}) \\
\zeta_{23}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{23}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(23^{20})
\end{aligned}$$

10.  $p = 29$  CASE

## 10.1. weight 0 case.

$$\zeta_{29}([\ ])=\zeta_{29}()=1+O(29^{20})$$

## 10.2. weight 1 case.

$$\zeta_{29}([1])=\zeta_{29}(1)=O(29^{20})$$

## 10.3. weight 2 case.

$$\zeta_{29}([1, 0])=\zeta_{29}(2)=O(29^{20})$$

$$\zeta_{29}([1, 1])=\zeta_{29}(1, 1)=O(29^{20})$$

## 10.4. weight 3 case.

$$\zeta_{29}([1, 0, 0])=\zeta_{29}(3)=20\cdot 29^3+17\cdot 29^4+4\cdot 29^5+27\cdot 29^6+24\cdot 29^7+25\cdot 29^8+25\cdot 29^9+27\cdot 29^{10}+10\cdot 29^{11}+26\cdot 29^{12}+27\cdot 29^{13}+21\cdot 29^{14}+10\cdot 29^{15}+27\cdot 29^{16}+22\cdot 29^{17}+21\cdot 29^{18}+25\cdot 29^{19}+O(29^{20})$$

$$\zeta_{29}([1, 0, 1])=\zeta_{29}(2, 1)=18\cdot 29^3+22\cdot 29^4+19\cdot 29^5+3\cdot 29^6+8\cdot 29^7+6\cdot 29^8+6\cdot 29^9+2\cdot 29^{10}+7\cdot 29^{11}+5\cdot 29^{12}+2\cdot 29^{13}+14\cdot 29^{14}+7\cdot 29^{15}+3\cdot 29^{16}+12\cdot 29^{17}+14\cdot 29^{18}+6\cdot 29^{19}+O(29^{20})$$

$$\zeta_{29}([1, 1, 0])=\zeta_{29}(1, 2)=20\cdot 29^3+17\cdot 29^4+4\cdot 29^5+27\cdot 29^6+24\cdot 29^7+25\cdot 29^8+25\cdot 29^9+27\cdot 29^{10}+10\cdot 29^{11}+26\cdot 29^{12}+27\cdot 29^{13}+21\cdot 29^{14}+10\cdot 29^{15}+27\cdot 29^{16}+22\cdot 29^{17}+21\cdot 29^{18}+25\cdot 29^{19}+O(29^{20})$$

$$\zeta_{29}([1, 1, 1])=\zeta_{29}(1, 1, 1)=O(29^{20})$$

## 10.5. weight 4 case.

$$\zeta_{29}([1, 0, 0, 0])=\zeta_{29}(4)=O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 1])=\zeta_{29}(3, 1)=O(29^{20})$$

$$\zeta_{29}([1, 0, 1, 0])=\zeta_{29}(2, 2)=O(29^{20})$$

$$\zeta_{29}([1, 0, 1, 1])=\zeta_{29}(2, 1, 1)=O(29^{20})$$

$$\zeta_{29}([1, 1, 0, 0])=\zeta_{29}(1, 3)=O(29^{20})$$

$$\zeta_{29}([1, 1, 0, 1])=\zeta_{29}(1, 2, 1)=O(29^{20})$$

$$\zeta_{29}([1, 1, 1, 0])=\zeta_{29}(1, 1, 2)=O(29^{20})$$

$$\zeta_{29}([1, 1, 1, 1])=\zeta_{29}(1, 1, 1, 1)=O(29^{20})$$





$$\begin{aligned}
& \zeta_{29}([1, 0, 1, 1, 1, 1]) = \zeta_{29}(2, 1, 1, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 0, 0, 0]) = \zeta_{29}(1, 5) = 3 \cdot 29^6 + 29^7 + 10 \cdot 29^8 + 7 \cdot 29^9 + 3 \cdot 29^{10} + 9 \cdot 29^{11} + 28 \cdot 29^{12} + 6 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 3 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 0, 0, 1]) = \zeta_{29}(1, 4, 1) = 20 \cdot 29^6 + 25 \cdot 29^7 + 27 \cdot 29^8 + 6 \cdot 29^9 + 19 \cdot 29^{10} + 29^{11} + 2 \cdot 29^{12} + 8 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{17} + 21 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 0, 1, 0]) = \zeta_{29}(1, 3, 2) = 9 \cdot 29^6 + 3 \cdot 29^7 + 29^8 + 22 \cdot 29^9 + 9 \cdot 29^{10} + 27 \cdot 29^{11} + 26 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 10 \cdot 29^{16} + 12 \cdot 29^{17} + 7 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 0, 1, 1]) = \zeta_{29}(1, 3, 1, 1) = 26 \cdot 29^6 + 27 \cdot 29^7 + 18 \cdot 29^8 + 21 \cdot 29^9 + 25 \cdot 29^{10} + 19 \cdot 29^{11} + 22 \cdot 29^{12} + 13 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 3 \cdot 29^{18} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 1, 0, 0]) = \zeta_{29}(1, 2, 3) = 11 \cdot 29^6 + 22 \cdot 29^7 + 26 \cdot 29^8 + 13 \cdot 29^9 + 9 \cdot 29^{10} + 3 \cdot 29^{11} + 4 \cdot 29^{12} + 16 \cdot 29^{13} + 24 \cdot 29^{14} + 17 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 1, 0, 1]) = \zeta_{29}(1, 2, 2, 1) = 24 \cdot 29^6 + 8 \cdot 29^7 + 22 \cdot 29^8 + 26 \cdot 29^{10} + 14 \cdot 29^{11} + 23 \cdot 29^{12} + 26 \cdot 29^{13} + 5 \cdot 29^{14} + 5 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 1, 1, 0]) = \zeta_{29}(1, 2, 1, 2) = 26 \cdot 29^6 + 27 \cdot 29^7 + 18 \cdot 29^8 + 21 \cdot 29^9 + 25 \cdot 29^{10} + 19 \cdot 29^{11} + 22 \cdot 29^{12} + 13 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 3 \cdot 29^{18} + O(29^{20}) \\
& \zeta_{29}([1, 1, 0, 1, 1, 1]) = \zeta_{29}(1, 2, 1, 1, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 0, 0, 0]) = \zeta_{29}(1, 1, 4) = 6 \cdot 29^6 + 2 \cdot 29^7 + 20 \cdot 29^8 + 14 \cdot 29^9 + 6 \cdot 29^{10} + 18 \cdot 29^{11} + 27 \cdot 29^{12} + 13 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 0, 0, 1]) = \zeta_{29}(1, 1, 3, 1) = 23 \cdot 29^6 + 26 \cdot 29^7 + 8 \cdot 29^8 + 14 \cdot 29^9 + 22 \cdot 29^{10} + 10 \cdot 29^{11} + 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 5 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 4 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 0, 1, 0]) = \zeta_{29}(1, 1, 2, 2) = 23 \cdot 29^6 + 26 \cdot 29^7 + 8 \cdot 29^8 + 14 \cdot 29^9 + 22 \cdot 29^{10} + 10 \cdot 29^{11} + 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 5 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 4 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 0, 1, 1]) = \zeta_{29}(1, 1, 2, 1, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 0, 0]) = \zeta_{29}(1, 1, 1, 3) = 3 \cdot 29^6 + 29^7 + 10 \cdot 29^8 + 7 \cdot 29^9 + 3 \cdot 29^{10} + 9 \cdot 29^{11} + 28 \cdot 29^{12} + 6 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 3 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 0, 1]) = \zeta_{29}(1, 1, 1, 2, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 0]) = \zeta_{29}(1, 1, 1, 1, 2) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 1]) = \zeta_{29}(1, 1, 1, 1, 1, 1) = O(29^{20})
\end{aligned}$$

### 10.8. weight 7 case.

$$\begin{aligned}
& \zeta_{29}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{29}(7) = 13 \cdot 29^7 + 9 \cdot 29^8 + 12 \cdot 29^9 + 22 \cdot 29^{10} + 11 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 12 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{29}(6, 1) = 6 \cdot 29^7 + 20 \cdot 29^8 + 8 \cdot 29^9 + 26 \cdot 29^{10} + 10 \cdot 29^{11} + 8 \cdot 29^{12} + 16 \cdot 29^{13} + 8 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 21 \cdot 29^{17} + 22 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{29}(5, 2) = 14 \cdot 29^7 + 7 \cdot 29^8 + 7 \cdot 29^9 + 21 \cdot 29^{10} + 29^{11} + 8 \cdot 29^{12} + 17 \cdot 29^{13} + 7 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{29}(5, 1, 1) = 3 \cdot 29^7 + 10 \cdot 29^8 + 4 \cdot 29^9 + 13 \cdot 29^{10} + 5 \cdot 29^{11} + 4 \cdot 29^{12} + 8 \cdot 29^{13} + 4 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 25 \cdot 29^{17} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{29}(4, 3) = 27 \cdot 29^7 + 3 \cdot 29^8 + 10 \cdot 29^9 + 2 \cdot 29^{10} + 20 \cdot 29^{11} + 8 \cdot 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 3 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{29}(4, 2, 1) = 29^7 + 28 \cdot 29^8 + 26 \cdot 29^9 + 8 \cdot 29^{10} + 10 \cdot 29^{11} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{29}(4, 1, 2) = 23 \cdot 29^7 + 6 \cdot 29^8 + 14 \cdot 29^9 + 11 \cdot 29^{10} + 6 \cdot 29^{11} + 11 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 5 \cdot 29^{17} + 19 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{29}(4, 1, 1, 1) = 22 \cdot 29^7 + 11 \cdot 29^8 + 28 \cdot 29^9 + 13 \cdot 29^{10} + 19 \cdot 29^{11} + 25 \cdot 29^{13} + 11 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{29}(3, 4) = 18 \cdot 29^7 + 15 \cdot 29^8 + 6 \cdot 29^9 + 4 \cdot 29^{10} + 26 \cdot 29^{11} + 7 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{29}(3, 3, 1) = 15 \cdot 29^7 + 19 \cdot 29^8 + 15 \cdot 29^9 + 16 \cdot 29^{10} + 15 \cdot 29^{11} + 11 \cdot 29^{12} + 2 \cdot 29^{13} + 19 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 26 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{29}(3, 2, 2) = 29^7 + 13 \cdot 29^8 + 11 \cdot 29^9 + 5 \cdot 29^{10} + 5 \cdot 29^{11} + 8 \cdot 29^{12} + 4 \cdot 29^{13} + 27 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{16} + 3 \cdot 29^{17} + 4 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{29}(3, 2, 1, 1) = 28 \cdot 29^7 + 16 \cdot 29^8 + 20 \cdot 29^9 + 4 \cdot 29^{10} + 15 \cdot 29^{11} + 25 \cdot 29^{12} + 14 \cdot 29^{13} + 17 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{29}(3, 1, 3) = 4 \cdot 29^7 + 12 \cdot 29^8 + 11 \cdot 29^9 + 23 \cdot 29^{10} + 18 \cdot 29^{11} + 18 \cdot 29^{12} + 4 \cdot 29^{13} + 4 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 3 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{29}(3, 1, 2, 1) = 9 \cdot 29^7 + 10 \cdot 29^9 + 25 \cdot 29^{11} + 7 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{16} + 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{29}(3, 1, 1, 2) = 23 \cdot 29^7 + 6 \cdot 29^8 + 14 \cdot 29^9 + 11 \cdot 29^{10} + 6 \cdot 29^{11} + 11 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 5 \cdot 29^{17} + 19 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 1) = 22 \cdot 29^7 + 11 \cdot 29^8 + 28 \cdot 29^9 + 13 \cdot 29^{10} + 19 \cdot 29^{11} + 25 \cdot 29^{13} + 11 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 2) = 19 \cdot 29^7 + 27 \cdot 29^8 + 14 \cdot 29^9 + 28 \cdot 29^{10} + 10 \cdot 29^{11} + 11 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 8 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1) = 10 \cdot 29^7 + 28 \cdot 29^8 + 7 \cdot 29^9 + 9 \cdot 29^{10} + 6 \cdot 29^{11} + 8 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 3) = 18 \cdot 29^7 + 3 \cdot 29^8 + 2 \cdot 29^{10} + 24 \cdot 29^{11} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1) = 14 \cdot 29^7 + 7 \cdot 29^8 + 7 \cdot 29^9 + 21 \cdot 29^{10} + 29^{11} + 8 \cdot 29^{12} + 17 \cdot 29^{13} + 7 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2) = 18 \cdot 29^7 + 15 \cdot 29^8 + 6 \cdot 29^9 + 4 \cdot 29^{10} + 26 \cdot 29^{11} + 7 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1) = 29^7 + 14 \cdot 29^8 + 14 \cdot 29^9 + 15 \cdot 29^{10} + 25 \cdot 29^{11} + 12 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 26 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 4) = 7 \cdot 29^7 + 18 \cdot 29^8 + 3 \cdot 29^9 + 25 \cdot 29^{10} + 4 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 24 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1) = 6 \cdot 29^7 + 20 \cdot 29^8 + 8 \cdot 29^9 + 26 \cdot 29^{10} + 10 \cdot 29^{11} + 8 \cdot 29^{12} + 16 \cdot 29^{13} + 8 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 21 \cdot 29^{17} + 22 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2) = 2 \cdot 29^7 + 12 \cdot 29^8 + 9 \cdot 29^9 + 14 \cdot 29^{10} + 15 \cdot 29^{11} + 8 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1) = 21 \cdot 29^7 + 25 \cdot 29^8 + 10 \cdot 29^9 + 17 \cdot 29^{10} + 2 \cdot 29^{11} + 12 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 12 \cdot 29^{15} + 12 \cdot 29^{16} + 14 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3) = 10 \cdot 29^7 + 28 \cdot 29^8 + 7 \cdot 29^9 + 9 \cdot 29^{10} + 6 \cdot 29^{11} + 8 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1) = 9 \cdot 29^7 + 29^8 + 13 \cdot 29^9 + 10 \cdot 29^{10} + 16 \cdot 29^{11} + 12 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 19 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2) = 13 \cdot 29^7 + 9 \cdot 29^8 + 12 \cdot 29^9 + 22 \cdot 29^{10} + 11 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 12 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1) = O(29^{20})
\end{aligned}$$

### 10.9. weight 8 case.

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(8) = O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(7, 1) = 26 \cdot 29^8 + 28 \cdot 29^9 + 6 \cdot 29^{10} + 28 \cdot 29^{11} + 8 \cdot 29^{12} + 14 \cdot 29^{13} + 28 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(6, 2) = 13 \cdot 29^8 + 16 \cdot 29^9 + 25 \cdot 29^{10} + 11 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 27 \cdot 29^{17} + 20 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(6, 1, 1) = 28 \cdot 29^8 + 12 \cdot 29^9 + 4 \cdot 29^{10} + 20 \cdot 29^{11} + 7 \cdot 29^{12} + 7 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 27 \cdot 29^{16} + 26 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(5, 3) = 23 \cdot 29^8 + 2 \cdot 29^9 + 24 \cdot 29^{10} + 16 \cdot 29^{11} + 17 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(5, 2, 1) = 15 \cdot 29^8 + 4 \cdot 29^9 + 14 \cdot 29^{10} + 26 \cdot 29^{11} + 23 \cdot 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 23 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(5, 1, 2) = 29^8 + 11 \cdot 29^9 + 21 \cdot 29^{10} + 21 \cdot 29^{11} + 28 \cdot 29^{12} + 17 \cdot 29^{13} + 11 \cdot 29^{14} + 15 \cdot 29^{15} + 5 \cdot 29^{16} + 9 \cdot 29^{17} + 19 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(5, 1, 1, 1) = 27 \cdot 29^8 + 9 \cdot 29^9 + 18 \cdot 29^{10} + 16 \cdot 29^{11} + 9 \cdot 29^{12} + 20 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 4) = O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 3, 1) = 2 \cdot 29^8 + 22 \cdot 29^9 + 8 \cdot 29^{10} + 16 \cdot 29^{11} + 8 \cdot 29^{12} + 8 \cdot 29^{13} + 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 2, 2) = 3 \cdot 29^8 + 13 \cdot 29^9 + 9 \cdot 29^{10} + 22 \cdot 29^{11} + 16 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 2, 1, 1) = 6 \cdot 29^8 + 4 \cdot 29^9 + 6 \cdot 29^{10} + 24 \cdot 29^{11} + 21 \cdot 29^{12} + 8 \cdot 29^{14} + 16 \cdot 29^{15} + 26 \cdot 29^{16} + 2 \cdot 29^{17} + 22 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 3) = 2 \cdot 29^8 + 15 \cdot 29^9 + 19 \cdot 29^{10} + 18 \cdot 29^{11} + 8 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 2, 1) = 25 \cdot 29^8 + 3 \cdot 29^9 + 24 \cdot 29^{11} + 6 \cdot 29^{12} + 6 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 2) = 11 \cdot 29^8 + 19 \cdot 29^9 + 11 \cdot 29^{10} + 27 \cdot 29^{11} + 18 \cdot 29^{12} + 4 \cdot 29^{13} + 24 \cdot 29^{14} + 19 \cdot 29^{15} + 10 \cdot 29^{16} + 24 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 1) = 29^8 + 10 \cdot 29^9 + 11 \cdot 29^{10} + 17 \cdot 29^{11} + 6 \cdot 29^{13} + 5 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 15 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 5) = 3 \cdot 29^8 + 26 \cdot 29^9 + 11 \cdot 29^{10} + 11 \cdot 29^{11} + 8 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 4, 1) = 8 \cdot 29^8 + 21 \cdot 29^9 + 29^{10} + 26 \cdot 29^{11} + 4 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 3 \cdot 29^{15} + 13 \cdot 29^{16} + 24 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 3, 2) = 16 \cdot 29^8 + 14 \cdot 29^9 + 3 \cdot 29^{10} + 2 \cdot 29^{11} + 27 \cdot 29^{12} + 11 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 3, 1, 1) = 28 \cdot 29^8 + 14 \cdot 29^9 + 19 \cdot 29^{10} + 29^{11} + 15 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 8 \cdot 29^{17} + 28 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 3) = 11 \cdot 29^8 + 16 \cdot 29^{10} + 12 \cdot 29^{11} + 21 \cdot 29^{12} + 20 \cdot 29^{13} + 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 28 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 2, 1) = 27 \cdot 29^8 + 29^9 + 13 \cdot 29^{11} + 14 \cdot 29^{12} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 28 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 2) = 3 \cdot 29^8 + 7 \cdot 29^{10} + 4 \cdot 29^{11} + 25 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 1) = 9 \cdot 29^8 + 15 \cdot 29^9 + 15 \cdot 29^{10} + 3 \cdot 29^{11} + 26 \cdot 29^{12} + 5 \cdot 29^{13} + 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 29^{17} + 7 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 4) = 19 \cdot 29^8 + 17 \cdot 29^9 + 28 \cdot 29^{10} + 4 \cdot 29^{11} + 27 \cdot 29^{12} + 24 \cdot 29^{13} + 15 \cdot 29^{14} + 12 \cdot 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 3, 1) = 16 \cdot 29^8 + 14 \cdot 29^9 + 25 \cdot 29^{10} + 14 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 24 \cdot 29^{17} + 9 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 2) = 16 \cdot 29^8 + 14 \cdot 29^9 + 18 \cdot 29^{10} + 27 \cdot 29^{11} + 21 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 12 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 1) = 6 \cdot 29^8 + 3 \cdot 29^9 + 18 \cdot 29^{10} + 3 \cdot 29^{11} + 20 \cdot 29^{12} + 27 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 3) = 5 \cdot 29^8 + 5 \cdot 29^9 + 13 \cdot 29^{10} + 3 \cdot 29^{11} + 17 \cdot 29^{12} + 5 \cdot 29^{13} + 4 \cdot 29^{14} + 25 \cdot 29^{15} + 21 \cdot 29^{16} + 2 \cdot 29^{17} + 24 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 1) = 18 \cdot 29^8 + 28 \cdot 29^9 + 10 \cdot 29^{10} + 27 \cdot 29^{11} + 24 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 18 \cdot 29^{17} + 6 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 2) = 29^8 + 11 \cdot 29^9 + 21 \cdot 29^{10} + 21 \cdot 29^{11} + 28 \cdot 29^{12} + 17 \cdot 29^{13} + 11 \cdot 29^{14} + 15 \cdot 29^{15} + 5 \cdot 29^{16} + 9 \cdot 29^{17} + 19 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1) = 5 \cdot 29^8 + 13 \cdot 29^9 + 19 \cdot 29^{10} + 21 \cdot 29^{11} + 18 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 11 \cdot 29^{15} + 18 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 6) = 16 \cdot 29^8 + 12 \cdot 29^9 + 3 \cdot 29^{10} + 17 \cdot 29^{11} + 14 \cdot 29^{12} + 6 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 8 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 5, 1) = 22 \cdot 29^8 + 10 \cdot 29^9 + 20 \cdot 29^{10} + 22 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 4, 2) = 10 \cdot 29^8 + 15 \cdot 29^9 + 13 \cdot 29^{10} + 29^{11} + 10 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 4, 1, 1) = 13 \cdot 29^8 + 9 \cdot 29^9 + 7 \cdot 29^{10} + 14 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 22 \cdot 29^{14} + 5 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 11 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 3) = 5 \cdot 29^8 + 14 \cdot 29^9 + 2 \cdot 29^{10} + 15 \cdot 29^{11} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 2, 1) = 25 \cdot 29^8 + 27 \cdot 29^9 + 18 \cdot 29^{10} + 20 \cdot 29^{11} + 11 \cdot 29^{12} + 12 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 2) = 16 \cdot 29^8 + 14 \cdot 29^9 + 18 \cdot 29^{10} + 27 \cdot 29^{11} + 21 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 12 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 1) = 6 \cdot 29^8 + 13 \cdot 29^9 + 2 \cdot 29^{10} + 23 \cdot 29^{11} + 7 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 17 \cdot 29^{15} + 26 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 4) = 16 \cdot 29^8 + 6 \cdot 29^{10} + 5 \cdot 29^{11} + 2 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 26 \cdot 29^{15} + 13 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 3, 1) = 23 \cdot 29^8 + 27 \cdot 29^9 + 8 \cdot 29^{10} + 21 \cdot 29^{11} + 9 \cdot 29^{12} + 15 \cdot 29^{13} + 14 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 26 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 2) = O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 1) = 12 \cdot 29^8 + 29^{10} + 3 \cdot 29^{11} + 22 \cdot 29^{12} + 2 \cdot 29^{14} + 11 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 3) = 11 \cdot 29^8 + 13 \cdot 29^9 + 3 \cdot 29^{10} + 5 \cdot 29^{11} + 18 \cdot 29^{12} + 16 \cdot 29^{13} + 17 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 1) = 24 \cdot 29^8 + 17 \cdot 29^9 + 19 \cdot 29^{10} + 19 \cdot 29^{11} + 26 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 2) = 3 \cdot 29^8 + 13 \cdot 29^9 + 9 \cdot 29^{10} + 22 \cdot 29^{11} + 16 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1) = 5 \cdot 29^8 + 28 \cdot 29^9 + 26 \cdot 29^{10} + 22 \cdot 29^{11} + 13 \cdot 29^{12} + 27 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 5) = 14 \cdot 29^8 + 29^9 + 28 \cdot 29^{10} + 22 \cdot 29^{11} + 25 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 17 \cdot 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 4, 1) = 16 \cdot 29^8 + 9 \cdot 29^9 + 15 \cdot 29^{10} + 11 \cdot 29^{11} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 8 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 2) = 29^8 + 29^9 + 2 \cdot 29^{10} + 11 \cdot 29^{11} + 2 \cdot 29^{12} + 11 \cdot 29^{13} + 8 \cdot 29^{14} + 20 \cdot 29^{15} + 11 \cdot 29^{16} + 29^{17} + 28 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 1) = 14 \cdot 29^8 + 25 \cdot 29^9 + 24 \cdot 29^{10} + 6 \cdot 29^{11} + 4 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 24 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 3) = 14 \cdot 29^8 + 28 \cdot 29^9 + 27 \cdot 29^{10} + 8 \cdot 29^{11} + 13 \cdot 29^{12} + 23 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 1) = 15 \cdot 29^8 + 12 \cdot 29^9 + 5 \cdot 29^{10} + 19 \cdot 29^{11} + 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 11 \cdot 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 14 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 2) = 16 \cdot 29^8 + 14 \cdot 29^9 + 3 \cdot 29^{10} + 2 \cdot 29^{11} + 27 \cdot 29^{12} + 11 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1) = 17 \cdot 29^8 + 16 \cdot 29^9 + 16 \cdot 29^{10} + 10 \cdot 29^{11} + 18 \cdot 29^{12} + 16 \cdot 29^{13} + 24 \cdot 29^{14} + 27 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 4) = 17 \cdot 29^8 + 9 \cdot 29^9 + 5 \cdot 29^{10} + 21 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 1) = 20 \cdot 29^8 + 26 \cdot 29^{10} + 3 \cdot 29^{11} + 6 \cdot 29^{12} + 27 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 23 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 2) = 10 \cdot 29^8 + 15 \cdot 29^9 + 13 \cdot 29^{10} + 29^{11} + 10 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1) = 24 \cdot 29^8 + 12 \cdot 29^9 + 13 \cdot 29^{10} + 21 \cdot 29^{11} + 3 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 15 \cdot 29^{17} + 15 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 3) = 6 \cdot 29^8 + 23 \cdot 29^9 + 29^{10} + 10 \cdot 29^{11} + 19 \cdot 29^{12} + 13 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{16} + 28 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1) = 5 \cdot 29^8 + 28 \cdot 29^9 + 26 \cdot 29^{10} + 22 \cdot 29^{11} + 13 \cdot 29^{12} + 27 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2) = 13 \cdot 29^8 + 16 \cdot 29^9 + 25 \cdot 29^{10} + 11 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 27 \cdot 29^{17} + 20 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 7) = 3 \cdot 29^8 + 22 \cdot 29^{10} + 20 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 6, 1) = 21 \cdot 29^8 + 15 \cdot 29^9 + 16 \cdot 29^{10} + 6 \cdot 29^{11} + 19 \cdot 29^{12} + 6 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 15 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 5, 2) = 6 \cdot 29^8 + 23 \cdot 29^9 + 29^{10} + 10 \cdot 29^{11} + 19 \cdot 29^{12} + 13 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{16} + 28 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 5, 1, 1) = 23 \cdot 29^8 + 28 \cdot 29^9 + 13 \cdot 29^{10} + 27 \cdot 29^{11} + 17 \cdot 29^{12} + 28 \cdot 29^{13} + 27 \cdot 29^{14} + 8 \cdot 29^{15} + 9 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 3) = 2 \cdot 29^8 + 18 \cdot 29^9 + 5 \cdot 29^{10} + 6 \cdot 29^{11} + 11 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 8 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 2, 1) = 29^8 + 6 \cdot 29^9 + 13 \cdot 29^{10} + 7 \cdot 29^{11} + 16 \cdot 29^{12} + 15 \cdot 29^{13} + 25 \cdot 29^{14} + 16 \cdot 29^{15} + 21 \cdot 29^{16} + 14 \cdot 29^{17} + 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 2) = 5 \cdot 29^8 + 5 \cdot 29^9 + 13 \cdot 29^{10} + 3 \cdot 29^{11} + 17 \cdot 29^{12} + 5 \cdot 29^{13} + 4 \cdot 29^{14} + 25 \cdot 29^{15} + 21 \cdot 29^{16} + 2 \cdot 29^{17} + 24 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 1) = 5 \cdot 29^8 + 9 \cdot 29^9 + 26 \cdot 29^{10} + 9 \cdot 29^{11} + 25 \cdot 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 4) = 28 \cdot 29^8 + 21 \cdot 29^9 + 15 \cdot 29^{10} + 15 \cdot 29^{11} + 17 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{15} + 27 \cdot 29^{16} + 24 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 3, 1) = 18 \cdot 29^8 + 13 \cdot 29^9 + 8 \cdot 29^{10} + 24 \cdot 29^{11} + 20 \cdot 29^{12} + 24 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 2) = 11 \cdot 29^8 + 13 \cdot 29^9 + 3 \cdot 29^{10} + 5 \cdot 29^{11} + 18 \cdot 29^{12} + 16 \cdot 29^{13} + 17 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 1) = 18 \cdot 29^8 + 2 \cdot 29^9 + 16 \cdot 29^{10} + 18 \cdot 29^{11} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 26 \cdot 29^{14} + 25 \cdot 29^{16} + 15 \cdot 29^{17} + 6 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 3) = O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 1) = 13 \cdot 29^8 + 17 \cdot 29^9 + 13 \cdot 29^{10} + 3 \cdot 29^{11} + 16 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 27 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 2) = 2 \cdot 29^8 + 15 \cdot 29^9 + 19 \cdot 29^{10} + 18 \cdot 29^{11} + 8 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1) = 14 \cdot 29^8 + 25 \cdot 29^9 + 24 \cdot 29^{10} + 6 \cdot 29^{11} + 4 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 24 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 5) = 3 \cdot 29^8 + 7 \cdot 29^9 + 23 \cdot 29^{10} + 12 \cdot 29^{11} + 13 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 4, 1) = 5 \cdot 29^8 + 11 \cdot 29^9 + 21 \cdot 29^{10} + 25 \cdot 29^{11} + 17 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 2) = 14 \cdot 29^8 + 28 \cdot 29^9 + 27 \cdot 29^{10} + 8 \cdot 29^{11} + 13 \cdot 29^{12} + 23 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 1) = 27 \cdot 29^9 + 28 \cdot 29^{10} + 14 \cdot 29^{11} + 16 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 29^{15} + 5 \cdot 29^{16} + 22 \cdot 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 3) = 7 \cdot 29^8 + 2 \cdot 29^9 + 22 \cdot 29^{10} + 18 \cdot 29^{11} + 21 \cdot 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 5 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 1) = 7 \cdot 29^8 + 27 \cdot 29^9 + 2 \cdot 29^{10} + 16 \cdot 29^{11} + 7 \cdot 29^{12} + 11 \cdot 29^{13} + 20 \cdot 29^{14} + 3 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 2) = 11 \cdot 29^8 + 16 \cdot 29^{10} + 12 \cdot 29^{11} + 21 \cdot 29^{12} + 20 \cdot 29^{13} + 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 28 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1) = 2 \cdot 29^8 + 14 \cdot 29^9 + 16 \cdot 29^{10} + 29^{11} + 12 \cdot 29^{12} + 15 \cdot 29^{13} + 12 \cdot 29^{14} + 16 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 4) = 17 \cdot 29^8 + 9 \cdot 29^9 + 27 \cdot 29^{10} + 12 \cdot 29^{11} + 18 \cdot 29^{12} + 16 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 1) = 21 \cdot 29^8 + 10 \cdot 29^9 + 20 \cdot 29^{10} + 6 \cdot 29^{11} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 3 \cdot 29^{15} + 5 \cdot 29^{16} + 17 \cdot 29^{17} + 20 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 2) = 5 \cdot 29^8 + 14 \cdot 29^9 + 2 \cdot 29^{10} + 15 \cdot 29^{11} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1) = 11 \cdot 29^8 + 28 \cdot 29^9 + 12 \cdot 29^{10} + 24 \cdot 29^{11} + 24 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 27 \cdot 29^{16} + 19 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 3) = 2 \cdot 29^8 + 18 \cdot 29^9 + 5 \cdot 29^{10} + 6 \cdot 29^{11} + 11 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 8 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1) = 24 \cdot 29^8 + 17 \cdot 29^9 + 19 \cdot 29^{10} + 19 \cdot 29^{11} + 26 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2) = 23 \cdot 29^8 + 2 \cdot 29^9 + 24 \cdot 29^{10} + 16 \cdot 29^{11} + 17 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 6) = 9 \cdot 29^8 + 8 \cdot 29^{10} + 2 \cdot 29^{11} + 2 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 29^{15} + 15 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 5, 1) = 25 \cdot 29^8 + 18 \cdot 29^9 + 24 \cdot 29^{10} + 10 \cdot 29^{11} + 8 \cdot 29^{12} + 8 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 2) = 17 \cdot 29^8 + 9 \cdot 29^9 + 5 \cdot 29^{10} + 21 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 1) = 18 \cdot 29^8 + 19 \cdot 29^9 + 16 \cdot 29^{10} + 17 \cdot 29^{11} + 21 \cdot 29^{12} + 12 \cdot 29^{13} + 18 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 3) = 17 \cdot 29^8 + 9 \cdot 29^9 + 27 \cdot 29^{10} + 12 \cdot 29^{11} + 18 \cdot 29^{12} + 16 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 1) = 6 \cdot 29^8 + 16 \cdot 29^9 + 27 \cdot 29^{10} + 8 \cdot 29^{11} + 14 \cdot 29^{12} + 4 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 28 \cdot 29^{17} + 11 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 2) = 19 \cdot 29^8 + 17 \cdot 29^9 + 28 \cdot 29^{10} + 4 \cdot 29^{11} + 27 \cdot 29^{12} + 24 \cdot 29^{13} + 15 \cdot 29^{14} + 12 \cdot 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 4) = 9 \cdot 29^8 + 18 \cdot 29^9 + 25 \cdot 29^{10} + 21 \cdot 29^{11} + 8 \cdot 29^{12} + 23 \cdot 29^{13} + 29^{14} + 8 \cdot 29^{15} + 20 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 1) = 3 \cdot 29^8 + 14 \cdot 29^9 + 14 \cdot 29^{10} + 28 \cdot 29^{11} + 24 \cdot 29^{12} + 23 \cdot 29^{13} + 15 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{17} + 13 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 2) = 16 \cdot 29^8 + 6 \cdot 29^{10} + 5 \cdot 29^{11} + 2 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 26 \cdot 29^{15} + 13 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1) = 10 \cdot 29^8 + 15 \cdot 29^9 + 13 \cdot 29^{10} + 29^{11} + 10 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 3) = 28 \cdot 29^8 + 21 \cdot 29^9 + 15 \cdot 29^{10} + 15 \cdot 29^{11} + 17 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{15} + 27 \cdot 29^{16} + 24 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1) = 17 \cdot 29^8 + 11 \cdot 29^9 + 10 \cdot 29^{10} + 12 \cdot 29^{11} + 24 \cdot 29^{12} + 10 \cdot 29^{13} + 8 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 10 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 5) = 12 \cdot 29^8 + 29^{10} + 3 \cdot 29^{11} + 22 \cdot 29^{12} + 2 \cdot 29^{14} + 11 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 1) = 25 \cdot 29^8 + 18 \cdot 29^9 + 24 \cdot 29^{10} + 10 \cdot 29^{11} + 8 \cdot 29^{12} + 8 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 2) = 14 \cdot 29^8 + 29^9 + 28 \cdot 29^{10} + 22 \cdot 29^{11} + 25 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 17 \cdot 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1) = 12 \cdot 29^8 + 3 \cdot 29^9 + 11 \cdot 29^{10} + 21 \cdot 29^{11} + 4 \cdot 29^{12} + 18 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 3) = 3 \cdot 29^8 + 7 \cdot 29^9 + 23 \cdot 29^{10} + 12 \cdot 29^{11} + 13 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1) = 29^8 + 29^9 + 17 \cdot 29^{10} + 7 \cdot 29^{11} + 26 \cdot 29^{12} + 29^{13} + 5 \cdot 29^{14} + 13 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 23 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2) = 3 \cdot 29^8 + 26 \cdot 29^9 + 11 \cdot 29^{10} + 11 \cdot 29^{11} + 8 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
& \zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{29}(1, 1, 1, 2, 1, 1, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0]) = \zeta_{29}(1, 1, 1, 1, 4) = 9 \cdot 29^8 + 8 \cdot 29^{10} + 2 \cdot 29^{11} + 2 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 29^{15} + 15 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1]) = \zeta_{29}(1, 1, 1, 1, 3, 1) = 24 \cdot 29^8 + 15 \cdot 29^9 + 9 \cdot 29^{10} + 7 \cdot 29^{11} + 10 \cdot 29^{12} + 21 \cdot 29^{13} + 3 \cdot 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0]) = \zeta_{29}(1, 1, 1, 1, 2, 2) = 16 \cdot 29^8 + 12 \cdot 29^9 + 3 \cdot 29^{10} + 17 \cdot 29^{11} + 14 \cdot 29^{12} + 6 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 8 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{29}(1, 1, 1, 1, 2, 1, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0]) = \zeta_{29}(1, 1, 1, 1, 1, 3) = 3 \cdot 29^8 + 22 \cdot 29^{10} + 20 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1]) = \zeta_{29}(1, 1, 1, 1, 1, 2, 1) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0]) = \zeta_{29}(1, 1, 1, 1, 1, 1, 2) = O(29^{20}) \\
& \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1]) = \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20})
\end{aligned}$$

### 10.10. weight 9 case.

$$\begin{aligned}
& \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{29}(9) = 5 \cdot 29^9 + 25 \cdot 29^{10} + 6 \cdot 29^{11} + 15 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{29}(8, 1) = 4 \cdot 29^9 + 19 \cdot 29^{10} + 23 \cdot 29^{11} + 10 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 2 \cdot 29^{15} + 2 \cdot 29^{16} + 18 \cdot 29^{17} + 19 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{29}(7, 2) = 15 \cdot 29^9 + 5 \cdot 29^{10} + 4 \cdot 29^{11} + 20 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{29}(7, 1, 1) = 22 \cdot 29^9 + 15 \cdot 29^{10} + 10 \cdot 29^{12} + 23 \cdot 29^{13} + 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{29}(6, 3) = 5 \cdot 29^9 + 3 \cdot 29^{10} + 27 \cdot 29^{11} + 4 \cdot 29^{12} + 15 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 17 \cdot 29^{16} + 8 \cdot 29^{17} + 7 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{29}(6, 2, 1) = 21 \cdot 29^9 + 19 \cdot 29^{10} + 6 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{29}(6, 1, 2) = 11 \cdot 29^9 + 26 \cdot 29^{10} + 4 \cdot 29^{11} + 24 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{29}(6, 1, 1, 1) = 23 \cdot 29^9 + 11 \cdot 29^{10} + 9 \cdot 29^{11} + 11 \cdot 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{29}(5, 4) = 8 \cdot 29^9 + 7 \cdot 29^{10} + 23 \cdot 29^{11} + 9 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{29}(5, 3, 1) = 17 \cdot 29^9 + 5 \cdot 29^{10} + 14 \cdot 29^{11} + 19 \cdot 29^{12} + 15 \cdot 29^{13} + 28 \cdot 29^{14} + 12 \cdot 29^{15} + 27 \cdot 29^{16} + 9 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{29}(5, 2, 2) = 21 \cdot 29^9 + 7 \cdot 29^{10} + 6 \cdot 29^{11} + 22 \cdot 29^{12} + 2 \cdot 29^{13} + 10 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{29}(5, 2, 1, 1) = 8 \cdot 29^9 + 23 \cdot 29^{10} + 29^{11} + 7 \cdot 29^{12} + 26 \cdot 29^{13} + 6 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{29}(5, 1, 3) = 10 \cdot 29^9 + 5 \cdot 29^{10} + 12 \cdot 29^{11} + 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{29}(5, 1, 2, 1) = 22 \cdot 29^9 + 2 \cdot 29^{10} + 17 \cdot 29^{11} + 26 \cdot 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 14 \cdot 29^{17} + 20 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{29}(5, 1, 1, 2) = 18 \cdot 29^9 + 25 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{29}(5, 1, 1, 1, 1) = 3 \cdot 29^9 + 13 \cdot 29^{10} + 6 \cdot 29^{11} + 3 \cdot 29^{12} + 17 \cdot 29^{13} + 29^{14} + 15 \cdot 29^{15} + 15 \cdot 29^{16} + 6 \cdot 29^{17} + 6 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{29}(4, 5) = 16 \cdot 29^9 + 25 \cdot 29^{10} + 27 \cdot 29^{11} + 3 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 14 \cdot 29^{17} + 8 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{29}(4, 4, 1) = 10 \cdot 29^9 + 2 \cdot 29^{10} + 26 \cdot 29^{11} + 24 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{29}(4, 3, 2) = 16 \cdot 29^9 + 23 \cdot 29^{10} + 12 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{29}(4, 3, 1, 1) = 10 \cdot 29^9 + 27 \cdot 29^{10} + 17 \cdot 29^{11} + 7 \cdot 29^{12} + 2 \cdot 29^{13} + 23 \cdot 29^{14} + 23 \cdot 29^{15} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{29}(4, 2, 3) = 13 \cdot 29^9 + 28 \cdot 29^{10} + 14 \cdot 29^{11} + 6 \cdot 29^{12} + 24 \cdot 29^{13} + 6 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{29}(4, 2, 2, 1) = 25 \cdot 29^9 + 9 \cdot 29^{10} + 25 \cdot 29^{11} + 15 \cdot 29^{12} + 17 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 19 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
& \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{29}(4, 2, 1, 2) = 15 \cdot 29^9 + 20 \cdot 29^{10} + 16 \cdot 29^{11} + 24 \cdot 29^{12} + 17 \cdot 29^{13} + 6 \cdot 29^{14} + 13 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 2, 1, 1, 1) = 8 \cdot 29^9 + 3 \cdot 29^{10} + 19 \cdot 29^{11} + 18 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 18 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 4) = 18 \cdot 29^9 + 8 \cdot 29^{10} + 12 \cdot 29^{11} + 22 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 3, 1) = 4 \cdot 29^9 + 14 \cdot 29^{10} + 21 \cdot 29^{11} + 7 \cdot 29^{12} + 13 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 8 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 2, 2) = 24 \cdot 29^9 + 27 \cdot 29^{10} + 4 \cdot 29^{11} + 5 \cdot 29^{12} + 17 \cdot 29^{13} + 24 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 2, 1, 1) = 23 \cdot 29^9 + 22 \cdot 29^{10} + 23 \cdot 29^{11} + 11 \cdot 29^{12} + 24 \cdot 29^{13} + 9 \cdot 29^{14} + 11 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 3) = 29^9 + 17 \cdot 29^{10} + 3 \cdot 29^{11} + 26 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 2, 1) = 3 \cdot 29^9 + 2 \cdot 29^{10} + 16 \cdot 29^{11} + 25 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 2) = 18 \cdot 29^9 + 25 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 1) = 29^9 + 29^{10} + 6 \cdot 29^{11} + 25 \cdot 29^{12} + 4 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 6) = 19 \cdot 29^9 + 24 \cdot 29^{11} + 8 \cdot 29^{12} + 19 \cdot 29^{13} + 16 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 2 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 5, 1) = 17 \cdot 29^9 + 5 \cdot 29^{10} + 14 \cdot 29^{11} + 19 \cdot 29^{12} + 15 \cdot 29^{13} + 28 \cdot 29^{14} + 12 \cdot 29^{15} + 27 \cdot 29^{16} + 9 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 4, 2) = 2 \cdot 29^9 + 5 \cdot 29^{10} + 26 \cdot 29^{11} + 21 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 21 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 4, 1, 1) = 24 \cdot 29^9 + 16 \cdot 29^{10} + 4 \cdot 29^{11} + 14 \cdot 29^{12} + 23 \cdot 29^{13} + 22 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 28 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 3, 3) = 29^9 + 13 \cdot 29^{10} + 2 \cdot 29^{11} + 6 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 17 \cdot 29^{16} + 24 \cdot 29^{17} + 22 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 3, 2, 1) = 15 \cdot 29^9 + 19 \cdot 29^{10} + 13 \cdot 29^{11} + 13 \cdot 29^{12} + 22 \cdot 29^{13} + 28 \cdot 29^{14} + 22 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 3, 1, 2) = 14 \cdot 29^9 + 22 \cdot 29^{10} + 12 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 17 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 3, 1, 1, 1) = 21 \cdot 29^{10} + 18 \cdot 29^{11} + 9 \cdot 29^{12} + 11 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 2 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 4) = 6 \cdot 29^9 + 23 \cdot 29^{10} + 19 \cdot 29^{11} + 7 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{17} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 3, 1) = 28 \cdot 29^{10} + 17 \cdot 29^{11} + 27 \cdot 29^{12} + 23 \cdot 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 2, 2) = 10 \cdot 29^9 + 4 \cdot 29^{10} + 14 \cdot 29^{11} + 10 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 2, 1, 1) = 13 \cdot 29^9 + 21 \cdot 29^{10} + 22 \cdot 29^{11} + 5 \cdot 29^{12} + 21 \cdot 29^{13} + 8 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 3) = 9 \cdot 29^9 + 28 \cdot 29^{10} + 7 \cdot 29^{11} + 5 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 4 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 2, 1) = 15 \cdot 29^9 + 6 \cdot 29^{10} + 10 \cdot 29^{11} + 22 \cdot 29^{12} + 19 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{17} + 11 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 2) = 15 \cdot 29^9 + 20 \cdot 29^{10} + 16 \cdot 29^{11} + 24 \cdot 29^{12} + 17 \cdot 29^{13} + 6 \cdot 29^{14} + 13 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 1) = 27 \cdot 29^9 + 25 \cdot 29^{10} + 24 \cdot 29^{11} + 13 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 5) = 29^9 + 27 \cdot 29^{10} + 10 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 4, 1) = 27 \cdot 29^9 + 26 \cdot 29^{10} + 22 \cdot 29^{11} + 16 \cdot 29^{12} + 19 \cdot 29^{13} + 8 \cdot 29^{14} + 28 \cdot 29^{15} + 3 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 3, 2) = 5 \cdot 29^{10} + 25 \cdot 29^{11} + 2 \cdot 29^{12} + 21 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 7 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 3, 1, 1) = 24 \cdot 29^9 + 9 \cdot 29^{10} + 29^{11} + 23 \cdot 29^{12} + 11 \cdot 29^{13} + 12 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{16} + 8 \cdot 29^{17} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 3) = 12 \cdot 29^9 + 6 \cdot 29^{10} + 24 \cdot 29^{11} + 16 \cdot 29^{12} + 2 \cdot 29^{13} + 2 \cdot 29^{14} + 13 \cdot 29^{15} + 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 2, 1) = 15 \cdot 29^9 + 27 \cdot 29^{10} + 27 \cdot 29^{11} + 13 \cdot 29^{12} + 27 \cdot 29^{13} + 29^{14} + 8 \cdot 29^{15} + 13 \cdot 29^{16} + 4 \cdot 29^{17} + 22 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 2) = 14 \cdot 29^9 + 22 \cdot 29^{10} + 12 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 17 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 1) = 26 \cdot 29^9 + 25 \cdot 29^{10} + 2 \cdot 29^{11} + 10 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 27 \cdot 29^{15} + 15 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 4) = 15 \cdot 29^9 + 25 \cdot 29^{10} + 15 \cdot 29^{11} + 19 \cdot 29^{12} + 22 \cdot 29^{13} + 14 \cdot 29^{14} + 28 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 3, 1) = 20 \cdot 29^9 + 27 \cdot 29^{10} + 26 \cdot 29^{11} + 11 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 25 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 2) = 8 \cdot 29^9 + 10 \cdot 29^{10} + 29^{11} + 6 \cdot 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 12 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 1) = 22 \cdot 29^9 + 8 \cdot 29^{10} + 19 \cdot 29^{11} + 15 \cdot 29^{12} + 13 \cdot 29^{13} + 4 \cdot 29^{14} + 25 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 3) = 16 \cdot 29^9 + 14 \cdot 29^{10} + 25 \cdot 29^{11} + 22 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 14 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 1) = 20 \cdot 29^9 + 23 \cdot 29^{10} + 2 \cdot 29^{11} + 28 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 17 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 21 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 2) = 11 \cdot 29^9 + 26 \cdot 29^{10} + 4 \cdot 29^{11} + 24 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 1) = 25 \cdot 29^9 + 21 \cdot 29^{10} + 21 \cdot 29^{11} + 14 \cdot 29^{12} + 8 \cdot 29^{13} + 20 \cdot 29^{14} + 28 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 7) = 9 \cdot 29^9 + 27 \cdot 29^{10} + 17 \cdot 29^{11} + 22 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 22 \cdot 29^{15} + 7 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 6, 1) = 17 \cdot 29^9 + 18 \cdot 29^{10} + 29^{11} + 12 \cdot 29^{12} + 29^{13} + 16 \cdot 29^{14} + 16 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 5, 2) = 22 \cdot 29^9 + 18 \cdot 29^{11} + 12 \cdot 29^{12} + 26 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 17 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 5, 1, 1) = 19 \cdot 29^9 + 4 \cdot 29^{10} + 16 \cdot 29^{11} + 27 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 13 \cdot 29^{16} + 13 \cdot 29^{17} + 7 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 4, 3) = 8 \cdot 29^9 + 6 \cdot 29^{10} + 4 \cdot 29^{11} + 14 \cdot 29^{12} + 17 \cdot 29^{13} + 28 \cdot 29^{14} + 11 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 16 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 4, 2, 1) = 7 \cdot 29^9 + 25 \cdot 29^{10} + 6 \cdot 29^{11} + 22 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{14} + 16 \cdot 29^{15} + 17 \cdot 29^{16} + 16 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 4, 1, 2) = 8 \cdot 29^9 + 10 \cdot 29^{10} + 29^{11} + 6 \cdot 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 12 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 4, 1, 1, 1) = 26 \cdot 29^9 + 16 \cdot 29^{10} + 8 \cdot 29^{11} + 12 \cdot 29^{12} + 27 \cdot 29^{13} + 28 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 5 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 4) = 23 \cdot 29^9 + 21 \cdot 29^{10} + 22 \cdot 29^{11} + 9 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 17 \cdot 29^{15} + 3 \cdot 29^{16} + 5 \cdot 29^{17} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 3, 1) = 23 \cdot 29^9 + 21 \cdot 29^{10} + 11 \cdot 29^{11} + 29^{12} + 16 \cdot 29^{13} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 7 \cdot 29^{16} + 17 \cdot 29^{17} + 6 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 2, 2) = 28 \cdot 29^9 + 8 \cdot 29^{10} + 21 \cdot 29^{11} + 3 \cdot 29^{12} + 20 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 24 \cdot 29^{17} + 9 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 2, 1, 1) = 19 \cdot 29^9 + 7 \cdot 29^{10} + 11 \cdot 29^{11} + 3 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 11 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 3) = 25 \cdot 29^9 + 29^{10} + 4 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 19 \cdot 29^{16} + 18 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 2, 1) = 10 \cdot 29^9 + 5 \cdot 29^{10} + 17 \cdot 29^{11} + 21 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 2) = 24 \cdot 29^9 + 27 \cdot 29^{10} + 4 \cdot 29^{11} + 5 \cdot 29^{12} + 17 \cdot 29^{13} + 24 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 1) = 5 \cdot 29^9 + 6 \cdot 29^{10} + 11 \cdot 29^{11} + 11 \cdot 29^{12} + 2 \cdot 29^{13} + 5 \cdot 29^{14} + 25 \cdot 29^{15} + 7 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 5) = 20 \cdot 29^9 + 16 \cdot 29^{10} + 11 \cdot 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 4, 1) = 4 \cdot 29^9 + 12 \cdot 29^{10} + 23 \cdot 29^{11} + 3 \cdot 29^{12} + 11 \cdot 29^{13} + 4 \cdot 29^{14} + 11 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 24 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 3, 2) = 14 \cdot 29^9 + 11 \cdot 29^{10} + 24 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 3, 1, 1) = 22 \cdot 29^9 + 9 \cdot 29^{10} + 16 \cdot 29^{11} + 11 \cdot 29^{12} + 14 \cdot 29^{13} + 8 \cdot 29^{14} + 5 \cdot 29^{15} + 26 \cdot 29^{16} + 15 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 3) = 29^9 + 8 \cdot 29^{10} + 20 \cdot 29^{11} + 28 \cdot 29^{12} + 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 4 \cdot 29^{17} + 23 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 2, 1) = 10 \cdot 29^9 + 21 \cdot 29^{10} + 13 \cdot 29^{11} + 29^{12} + 18 \cdot 29^{13} + 18 \cdot 29^{14} + 4 \cdot 29^{15} + 28 \cdot 29^{16} + 15 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 2) = 10 \cdot 29^9 + 4 \cdot 29^{10} + 14 \cdot 29^{11} + 10 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 1) = 28 \cdot 29^9 + 14 \cdot 29^{10} + 15 \cdot 29^{11} + 26 \cdot 29^{12} + 10 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 23 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 4) = 22 \cdot 29^9 + 13 \cdot 29^{10} + 17 \cdot 29^{11} + 17 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 4 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 3, 1) = 28 \cdot 29^9 + 22 \cdot 29^{10} + 2 \cdot 29^{11} + 9 \cdot 29^{12} + 11 \cdot 29^{13} + 19 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 2) = 28 \cdot 29^9 + 8 \cdot 29^{10} + 21 \cdot 29^{11} + 3 \cdot 29^{12} + 20 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 24 \cdot 29^{17} + 9 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 1) = 9 \cdot 29^9 + 2 \cdot 29^{10} + 4 \cdot 29^{11} + 21 \cdot 29^{12} + 13 \cdot 29^{13} + 18 \cdot 29^{14} + 24 \cdot 29^{15} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 3) = 2 \cdot 29^9 + 27 \cdot 29^{10} + 5 \cdot 29^{11} + 13 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 1) = 3 \cdot 29^9 + 10 \cdot 29^{10} + 6 \cdot 29^{11} + 15 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 12 \cdot 29^{15} + 29^{16} + 12 \cdot 29^{17} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 2) = 21 \cdot 29^9 + 7 \cdot 29^{10} + 6 \cdot 29^{11} + 22 \cdot 29^{12} + 2 \cdot 29^{13} + 10 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1) = 24 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 6) = 7 \cdot 29^9 + 2 \cdot 29^{10} + 14 \cdot 29^{11} + 6 \cdot 29^{12} + 2 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 25 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 5, 1) = 24 \cdot 29^9 + 17 \cdot 29^{10} + 16 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 4, 2) = 25 \cdot 29^9 + 8 \cdot 29^{10} + 4 \cdot 29^{11} + 8 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 4, 1, 1) = 12 \cdot 29^9 + 24 \cdot 29^{10} + 26 \cdot 29^{11} + 23 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 4 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 3) = 17 \cdot 29^9 + 7 \cdot 29^{11} + 12 \cdot 29^{12} + 3 \cdot 29^{13} + 6 \cdot 29^{14} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 2, 1) = 22 \cdot 29^9 + 8 \cdot 29^{10} + 14 \cdot 29^{11} + 3 \cdot 29^{12} + 11 \cdot 29^{13} + 3 \cdot 29^{14} + 10 \cdot 29^{15} + 16 \cdot 29^{16} + 7 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 2) = 5 \cdot 29^{10} + 25 \cdot 29^{11} + 2 \cdot 29^{12} + 21 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 7 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 1) = 15 \cdot 29^9 + 14 \cdot 29^{10} + 17 \cdot 29^{11} + 26 \cdot 29^{12} + 12 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 22 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 4) = 28 \cdot 29^9 + 17 \cdot 29^{10} + 27 \cdot 29^{11} + 4 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 3, 1) = 28 \cdot 29^9 + 29^{10} + 14 \cdot 29^{11} + 17 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 18 \cdot 29^{16} + 14 \cdot 29^{17} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 2) = 14 \cdot 29^9 + 11 \cdot 29^{10} + 24 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 1) = 23 \cdot 29^9 + 28 \cdot 29^{10} + 25 \cdot 29^{12} + 17 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 3) = 10 \cdot 29^9 + 27 \cdot 29^{10} + 22 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 8 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 1) = 2 \cdot 29^9 + 4 \cdot 29^{10} + 23 \cdot 29^{11} + 10 \cdot 29^{12} + 28 \cdot 29^{13} + 16 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 2) = 16 \cdot 29^9 + 23 \cdot 29^{10} + 12 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1) = 2 \cdot 29^9 + 7 \cdot 29^{10} + 28 \cdot 29^{11} + 29^{12} + 6 \cdot 29^{13} + 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 9 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 5) = 19 \cdot 29^9 + 4 \cdot 29^{10} + 7 \cdot 29^{11} + 3 \cdot 29^{13} + 28 \cdot 29^{14} + 25 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 14 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 4, 1) = 11 \cdot 29^9 + 4 \cdot 29^{10} + 14 \cdot 29^{11} + 13 \cdot 29^{12} + 10 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 26 \cdot 29^{16} + 10 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 2) = 25 \cdot 29^9 + 8 \cdot 29^{10} + 4 \cdot 29^{11} + 8 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 1) = 9 \cdot 29^9 + 11 \cdot 29^{10} + 15 \cdot 29^{11} + 7 \cdot 29^{12} + 2 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 3) = 15 \cdot 29^9 + 29^{10} + 26 \cdot 29^{11} + 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 1) = 8 \cdot 29^9 + 3 \cdot 29^{10} + 12 \cdot 29^{11} + 22 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 11 \cdot 29^{15} + 28 \cdot 29^{16} + 18 \cdot 29^{17} + 11 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 2) = 2 \cdot 29^9 + 5 \cdot 29^{10} + 26 \cdot 29^{11} + 21 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 21 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1) = 20 \cdot 29^9 + 13 \cdot 29^{10} + 27 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 4) = 3 \cdot 29^9 + 28 \cdot 29^{10} + 26 \cdot 29^{11} + 13 \cdot 29^{12} + 15 \cdot 29^{13} + 17 \cdot 29^{14} + 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 17 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 1) = 28 \cdot 29^9 + 25 \cdot 29^{10} + 16 \cdot 29^{12} + 8 \cdot 29^{13} + 24 \cdot 29^{14} + 17 \cdot 29^{15} + 26 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 2) = 22 \cdot 29^9 + 18 \cdot 29^{11} + 12 \cdot 29^{12} + 26 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 17 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1) = 9 \cdot 29^9 + 20 \cdot 29^{10} + 26 \cdot 29^{11} + 3 \cdot 29^{12} + 8 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 17 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 3) = 6 \cdot 29^9 + 3 \cdot 29^{10} + 21 \cdot 29^{11} + 2 \cdot 29^{12} + 23 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1) = 16 \cdot 29^9 + 18 \cdot 29^{10} + 7 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 11 \cdot 29^{15} + 8 \cdot 29^{16} + 14 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2) = 15 \cdot 29^9 + 5 \cdot 29^{10} + 4 \cdot 29^{11} + 20 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1) = 18 \cdot 29^9 + 29^{10} + 3 \cdot 29^{11} + 23 \cdot 29^{12} + 14 \cdot 29^{13} + 12 \cdot 29^{14} + 10 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 8) = 20 \cdot 29^9 + 13 \cdot 29^{10} + 27 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 7, 1) = 24 \cdot 29^9 + 29^{10} + 7 \cdot 29^{12} + 7 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 6, 2) = 6 \cdot 29^9 + 3 \cdot 29^{10} + 21 \cdot 29^{11} + 2 \cdot 29^{12} + 23 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 6, 1, 1) = 22 \cdot 29^9 + 18 \cdot 29^{10} + 23 \cdot 29^{11} + 12 \cdot 29^{12} + 21 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 5, 3) = 18 \cdot 29^9 + 7 \cdot 29^{10} + 10 \cdot 29^{11} + 22 \cdot 29^{12} + 11 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 5, 2, 1) = 19 \cdot 29^9 + 4 \cdot 29^{10} + 16 \cdot 29^{11} + 27 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 13 \cdot 29^{16} + 13 \cdot 29^{17} + 7 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 5, 1, 2) = 16 \cdot 29^9 + 14 \cdot 29^{10} + 25 \cdot 29^{11} + 22 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 14 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 5, 1, 1, 1) = 6 \cdot 29^9 + 11 \cdot 29^{10} + 7 \cdot 29^{11} + 2 \cdot 29^{12} + 20 \cdot 29^{13} + 29^{14} + 6 \cdot 29^{15} + 11 \cdot 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 4) = 6 \cdot 29^9 + 14 \cdot 29^{10} + 26 \cdot 29^{11} + 25 \cdot 29^{12} + 29^{13} + 16 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 3, 1) = 20 \cdot 29^9 + 15 \cdot 29^{10} + 5 \cdot 29^{11} + 20 \cdot 29^{12} + 26 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 11 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 2, 2) = 2 \cdot 29^9 + 27 \cdot 29^{10} + 5 \cdot 29^{11} + 13 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 2, 1, 1) = 7 \cdot 29^9 + 29^{10} + 3 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 20 \cdot 29^{14} + 15 \cdot 29^{15} + 15 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 3) = 11 \cdot 29^9 + 25 \cdot 29^{10} + 18 \cdot 29^{11} + 25 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 2, 1) = 18 \cdot 29^9 + 11 \cdot 29^{10} + 25 \cdot 29^{11} + 14 \cdot 29^{12} + 2 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 2) = 29^9 + 17 \cdot 29^{10} + 3 \cdot 29^{11} + 26 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 1) = 25 \cdot 29^9 + 24 \cdot 29^{10} + 24 \cdot 29^{11} + 25 \cdot 29^{12} + 13 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 16 \cdot 29^{17} + 10 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 5) = 5 \cdot 29^9 + 28 \cdot 29^{10} + 9 \cdot 29^{11} + 26 \cdot 29^{12} + 28 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 13 \cdot 29^{17} + 24 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 4, 1) = 12 \cdot 29^9 + 13 \cdot 29^{10} + 17 \cdot 29^{11} + 4 \cdot 29^{12} + 15 \cdot 29^{13} + 24 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 16 \cdot 29^{17} + 2 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 3, 2) = 10 \cdot 29^9 + 27 \cdot 29^{10} + 22 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 8 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 3, 1, 1) = 2 \cdot 29^9 + 29^{10} + 9 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 2 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 11 \cdot 29^{17} + 13 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 3) = 17 \cdot 29^9 + 17 \cdot 29^{10} + 28 \cdot 29^{11} + 16 \cdot 29^{12} + 15 \cdot 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 2, 1) = 10 \cdot 29^9 + 6 \cdot 29^{10} + 19 \cdot 29^{11} + 24 \cdot 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 2 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 2) = 9 \cdot 29^9 + 28 \cdot 29^{10} + 7 \cdot 29^{11} + 5 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 4 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 1) = 22 \cdot 29^9 + 29^{10} + 12 \cdot 29^{11} + 21 \cdot 29^{12} + 8 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{16} + 20 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 4) = 5 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 15 \cdot 29^{15} + 28 \cdot 29^{16} + 19 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 3, 1) = 26 \cdot 29^9 + 24 \cdot 29^{10} + 20 \cdot 29^{12} + 24 \cdot 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 28 \cdot 29^{16} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 2) = 25 \cdot 29^9 + 29^{10} + 4 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 19 \cdot 29^{16} + 18 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 1) = 25 \cdot 29^9 + 4 \cdot 29^{10} + 8 \cdot 29^{11} + 23 \cdot 29^{12} + 11 \cdot 29^{13} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 3) = 11 \cdot 29^9 + 25 \cdot 29^{10} + 18 \cdot 29^{11} + 25 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 1) = 9 \cdot 29^9 + 11 \cdot 29^{10} + 15 \cdot 29^{11} + 7 \cdot 29^{12} + 2 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 2) = 10 \cdot 29^9 + 5 \cdot 29^{10} + 12 \cdot 29^{11} + 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 19 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1) = 17 \cdot 29^{10} + 12 \cdot 29^{11} + 3 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 6) = 6 \cdot 29^9 + 9 \cdot 29^{10} + 8 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 5, 1) = 27 \cdot 29^9 + 5 \cdot 29^{10} + 4 \cdot 29^{11} + 22 \cdot 29^{12} + 19 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 4, 2) = 15 \cdot 29^9 + 29^{10} + 26 \cdot 29^{11} + 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 4, 1, 1) = 29^9 + 14 \cdot 29^{10} + 4 \cdot 29^{11} + 8 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 15 \cdot 29^{15} + 22 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 3) = 19 \cdot 29^9 + 21 \cdot 29^{10} + 5 \cdot 29^{11} + 17 \cdot 29^{12} + 3 \cdot 29^{13} + 28 \cdot 29^{14} + 15 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 2, 1) = 2 \cdot 29^9 + 11 \cdot 29^{10} + 8 \cdot 29^{11} + 14 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 13 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 2) = 12 \cdot 29^9 + 6 \cdot 29^{10} + 24 \cdot 29^{11} + 16 \cdot 29^{12} + 2 \cdot 29^{13} + 2 \cdot 29^{14} + 13 \cdot 29^{15} + 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 1) = 19 \cdot 29^9 + 23 \cdot 29^{10} + 24 \cdot 29^{11} + 9 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 3 \cdot 29^{15} + 19 \cdot 29^{16} + 29^{17} + 24 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 4) = 13 \cdot 29^9 + 10 \cdot 29^{10} + 22 \cdot 29^{11} + 4 \cdot 29^{12} + 4 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 13 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 3, 1) = 4 \cdot 29^9 + 27 \cdot 29^{10} + 17 \cdot 29^{11} + 4 \cdot 29^{12} + 5 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 10 \cdot 29^{17} + 3 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 2) = 29^9 + 8 \cdot 29^{10} + 20 \cdot 29^{11} + 28 \cdot 29^{12} + 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 4 \cdot 29^{17} + 23 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 1) = 13 \cdot 29^9 + 4 \cdot 29^{10} + 15 \cdot 29^{11} + 15 \cdot 29^{12} + 24 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 15 \cdot 29^{16} + 26 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 3) = 17 \cdot 29^9 + 17 \cdot 29^{10} + 28 \cdot 29^{11} + 16 \cdot 29^{12} + 15 \cdot 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 1) = 28 \cdot 29^9 + 21 \cdot 29^{10} + 6 \cdot 29^{11} + 3 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 9 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 2) = 13 \cdot 29^9 + 28 \cdot 29^{10} + 14 \cdot 29^{11} + 6 \cdot 29^{12} + 24 \cdot 29^{13} + 6 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1) = 25 \cdot 29^9 + 28 \cdot 29^{10} + 12 \cdot 29^{11} + 4 \cdot 29^{12} + 14 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 5) = 26 \cdot 29^9 + 13 \cdot 29^{10} + 19 \cdot 29^{11} + 18 \cdot 29^{12} + 8 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 13 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 4, 1) = 19 \cdot 29^9 + 21 \cdot 29^{10} + 24 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 6 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 22 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 2) = 17 \cdot 29^9 + 7 \cdot 29^{11} + 12 \cdot 29^{12} + 3 \cdot 29^{13} + 6 \cdot 29^{14} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 1) = 25 \cdot 29^9 + 4 \cdot 29^{10} + 8 \cdot 29^{11} + 23 \cdot 29^{12} + 11 \cdot 29^{13} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 3) = 19 \cdot 29^9 + 21 \cdot 29^{10} + 5 \cdot 29^{11} + 17 \cdot 29^{12} + 3 \cdot 29^{13} + 28 \cdot 29^{14} + 15 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 1) = 21 \cdot 29^9 + 5 \cdot 29^{10} + 29^{11} + 3 \cdot 29^{12} + 4 \cdot 29^{13} + 27 \cdot 29^{14} + 24 \cdot 29^{15} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 2) = 29^9 + 13 \cdot 29^{10} + 2 \cdot 29^{11} + 6 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 17 \cdot 29^{16} + 24 \cdot 29^{17} + 22 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1) = 24 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 4) = 12 \cdot 29^9 + 23 \cdot 29^{10} + 10 \cdot 29^{11} + 18 \cdot 29^{12} + 8 \cdot 29^{13} + 8 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 28 \cdot 29^{17} + 28 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 1) = 18 \cdot 29^9 + 7 \cdot 29^{10} + 20 \cdot 29^{11} + 21 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 25 \cdot 29^{15} + 6 \cdot 29^{16} + 29^{17} + 12 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 2) = 8 \cdot 29^9 + 6 \cdot 29^{10} + 4 \cdot 29^{11} + 14 \cdot 29^{12} + 17 \cdot 29^{13} + 28 \cdot 29^{14} + 11 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 16 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1) = 10 \cdot 29^9 + 11 \cdot 29^{10} + 21 \cdot 29^{11} + 16 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 3) = 18 \cdot 29^9 + 7 \cdot 29^{10} + 10 \cdot 29^{11} + 22 \cdot 29^{12} + 11 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1) = 9 \cdot 29^9 + 20 \cdot 29^{10} + 26 \cdot 29^{11} + 3 \cdot 29^{12} + 8 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 17 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2) = 5 \cdot 29^9 + 3 \cdot 29^{10} + 27 \cdot 29^{11} + 4 \cdot 29^{12} + 15 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 17 \cdot 29^{16} + 8 \cdot 29^{17} + 7 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1) = 24 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 7) = 17 \cdot 29^9 + 7 \cdot 29^{10} + 6 \cdot 29^{11} + 27 \cdot 29^{12} + 21 \cdot 29^{13} + 18 \cdot 29^{14} + 21 \cdot 29^{15} + 13 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 6, 1) = 27 \cdot 29^9 + 12 \cdot 29^{10} + 8 \cdot 29^{11} + 5 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 23 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 13 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 5, 2) = 3 \cdot 29^9 + 28 \cdot 29^{10} + 26 \cdot 29^{11} + 13 \cdot 29^{12} + 15 \cdot 29^{13} + 17 \cdot 29^{14} + 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 17 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 5, 1, 1) = 10 \cdot 29^9 + 12 \cdot 29^{10} + 6 \cdot 29^{11} + 25 \cdot 29^{12} + 16 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 7 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 3) = 12 \cdot 29^9 + 23 \cdot 29^{10} + 10 \cdot 29^{11} + 18 \cdot 29^{12} + 8 \cdot 29^{13} + 8 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 28 \cdot 29^{17} + 28 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 2, 1) = 18 \cdot 29^9 + 14 \cdot 29^{10} + 10 \cdot 29^{11} + 24 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 12 \cdot 29^{15} + 2 \cdot 29^{16} + 8 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 2) = 15 \cdot 29^9 + 25 \cdot 29^{10} + 15 \cdot 29^{11} + 19 \cdot 29^{12} + 22 \cdot 29^{13} + 14 \cdot 29^{14} + 28 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 1) = 11 \cdot 29^9 + 16 \cdot 29^{10} + 12 \cdot 29^{11} + 3 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{14} + 6 \cdot 29^{15} + 4 \cdot 29^{16} + 19 \cdot 29^{17} + 8 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 4) = 18 \cdot 29^9 + 25 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 3, 1) = 25 \cdot 29^9 + 19 \cdot 29^{10} + 19 \cdot 29^{11} + 15 \cdot 29^{12} + 14 \cdot 29^{13} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 2) = 22 \cdot 29^9 + 13 \cdot 29^{10} + 17 \cdot 29^{11} + 17 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 4 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 1) = 15 \cdot 29^9 + 22 \cdot 29^{10} + 25 \cdot 29^{11} + 15 \cdot 29^{12} + 23 \cdot 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{17} + 6 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 3) = 5 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 15 \cdot 29^{15} + 28 \cdot 29^{16} + 19 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 1) = 23 \cdot 29^9 + 16 \cdot 29^{10} + 15 \cdot 29^{11} + 14 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 2) = 18 \cdot 29^9 + 8 \cdot 29^{10} + 12 \cdot 29^{11} + 22 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1) = 11 \cdot 29^9 + 10 \cdot 29^{10} + 13 \cdot 29^{11} + 2 \cdot 29^{12} + 21 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 5) = 16 \cdot 29^9 + 6 \cdot 29^{10} + 6 \cdot 29^{11} + 29^{12} + 28 \cdot 29^{14} + 5 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 4, 1) = 4 \cdot 29^9 + 2 \cdot 29^{10} + 20 \cdot 29^{11} + 24 \cdot 29^{12} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 22 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 2) = 28 \cdot 29^9 + 17 \cdot 29^{10} + 27 \cdot 29^{11} + 4 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 1) = 18 \cdot 29^9 + 13 \cdot 29^{11} + 27 \cdot 29^{12} + 11 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{16} + 7 \cdot 29^{17} + 6 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 3) = 13 \cdot 29^9 + 10 \cdot 29^{10} + 22 \cdot 29^{11} + 4 \cdot 29^{12} + 4 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 13 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 1) = 7 \cdot 29^9 + 17 \cdot 29^{10} + 13 \cdot 29^{11} + 14 \cdot 29^{12} + 4 \cdot 29^{13} + 15 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 2) = 6 \cdot 29^9 + 23 \cdot 29^{10} + 19 \cdot 29^{11} + 7 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{17} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1) = 28 \cdot 29^9 + 3 \cdot 29^{10} + 9 \cdot 29^{11} + 9 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 9 \cdot 29^{17} + 16 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 4) = 18 \cdot 29^9 + 25 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 1) = 26 \cdot 29^9 + 25 \cdot 29^{10} + 2 \cdot 29^{11} + 10 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 27 \cdot 29^{15} + 15 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 2) = 23 \cdot 29^9 + 21 \cdot 29^{10} + 22 \cdot 29^{11} + 9 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 17 \cdot 29^{15} + 3 \cdot 29^{16} + 5 \cdot 29^{17} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1) = 24 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 3) = 6 \cdot 29^9 + 14 \cdot 29^{10} + 26 \cdot 29^{11} + 25 \cdot 29^{12} + 29^{13} + 16 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1) = 20 \cdot 29^9 + 13 \cdot 29^{10} + 27 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2) = 8 \cdot 29^9 + 7 \cdot 29^{10} + 23 \cdot 29^{11} + 9 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 29^9 + 11 \cdot 29^{10} + 21 \cdot 29^{11} + 16 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 6) = 10 \cdot 29^9 + 18 \cdot 29^{10} + 9 \cdot 29^{11} + 13 \cdot 29^{12} + 26 \cdot 29^{13} + 12 \cdot 29^{14} + 3 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 5, 1) = 5 \cdot 29^9 + 28 \cdot 29^{10} + 5 \cdot 29^{11} + 29^{13} + 3 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 2) = 19 \cdot 29^9 + 4 \cdot 29^{10} + 7 \cdot 29^{11} + 3 \cdot 29^{13} + 28 \cdot 29^{14} + 25 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 14 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 1) = 27 \cdot 29^9 + 10 \cdot 29^{10} + 24 \cdot 29^{11} + 22 \cdot 29^{12} + 26 \cdot 29^{13} + 12 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 3) = 26 \cdot 29^9 + 13 \cdot 29^{10} + 19 \cdot 29^{11} + 18 \cdot 29^{12} + 8 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 13 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 1) = 29^9 + 5 \cdot 29^{10} + 12 \cdot 29^{11} + 17 \cdot 29^{12} + 5 \cdot 29^{13} + 2 \cdot 29^{14} + 25 \cdot 29^{15} + 26 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 2) = 29^9 + 27 \cdot 29^{10} + 10 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1) = 11 \cdot 29^9 + 10 \cdot 29^{10} + 13 \cdot 29^{11} + 2 \cdot 29^{12} + 21 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 4) = 16 \cdot 29^9 + 6 \cdot 29^{10} + 6 \cdot 29^{11} + 29^{12} + 28 \cdot 29^{14} + 5 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 1) = 27 \cdot 29^9 + 25 \cdot 29^{10} + 24 \cdot 29^{11} + 13 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 2) = 20 \cdot 29^9 + 16 \cdot 29^{10} + 11 \cdot 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1) = 25 \cdot 29^9 + 28 \cdot 29^{10} + 12 \cdot 29^{11} + 4 \cdot 29^{12} + 14 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 3) = 5 \cdot 29^9 + 28 \cdot 29^{10} + 9 \cdot 29^{11} + 26 \cdot 29^{12} + 28 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 13 \cdot 29^{17} + 24 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1) = 2 \cdot 29^9 + 7 \cdot 29^{10} + 28 \cdot 29^{11} + 29^{12} + 6 \cdot 29^{13} + 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 9 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2) = 16 \cdot 29^9 + 25 \cdot 29^{10} + 27 \cdot 29^{11} + 3 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 14 \cdot 29^{17} + 8 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 29^9 + 22 \cdot 29^{10} + 16 \cdot 29^{11} + 22 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 15 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 5) = 10 \cdot 29^9 + 18 \cdot 29^{10} + 9 \cdot 29^{11} + 13 \cdot 29^{12} + 26 \cdot 29^{13} + 12 \cdot 29^{14} + 3 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 1) = 29^9 + 29^{10} + 6 \cdot 29^{11} + 25 \cdot 29^{12} + 4 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 2) = 7 \cdot 29^9 + 2 \cdot 29^{10} + 14 \cdot 29^{11} + 6 \cdot 29^{12} + 2 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 25 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1) = 17 \cdot 29^{10} + 12 \cdot 29^{11} + 3 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 3) = 6 \cdot 29^9 + 9 \cdot 29^{10} + 8 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1) = 24 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2) = 19 \cdot 29^9 + 24 \cdot 29^{11} + 8 \cdot 29^{12} + 19 \cdot 29^{13} + 16 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 2 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 29^9 + 11 \cdot 29^{10} + 21 \cdot 29^{11} + 16 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 4) = 17 \cdot 29^9 + 7 \cdot 29^{10} + 6 \cdot 29^{11} + 27 \cdot 29^{12} + 21 \cdot 29^{13} + 18 \cdot 29^{14} + 21 \cdot 29^{15} + 13 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1) = 25 \cdot 29^9 + 21 \cdot 29^{10} + 21 \cdot 29^{11} + 14 \cdot 29^{12} + 8 \cdot 29^{13} + 20 \cdot 29^{14} + 28 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2) = 9 \cdot 29^9 + 27 \cdot 29^{10} + 17 \cdot 29^{11} + 22 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 22 \cdot 29^{15} + 7 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1) = 24 \cdot 29^9 + 8 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3) = 20 \cdot 29^9 + 13 \cdot 29^{10} + 27 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1) = 18 \cdot 29^9 + 29^{10} + 3 \cdot 29^{11} + 23 \cdot 29^{12} + 14 \cdot 29^{13} + 12 \cdot 29^{14} + 10 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 29^9 + 25 \cdot 29^{10} + 6 \cdot 29^{11} + 15 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20})
 \end{aligned}$$

## 10.11. weight 10 case.

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{29}(10) = O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{29}(9, 1) = 20 \cdot 29^{10} + 18 \cdot 29^{11} + 27 \cdot 29^{12} + 11 \cdot 29^{13} + 3 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 25 \cdot 29^{17} + 22 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{29}(8, 2) = 26 \cdot 29^{10} + 10 \cdot 29^{11} + 8 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 6 \cdot 29^{15} + 2 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{29}(8, 1, 1) = 19 \cdot 29^{10} + 11 \cdot 29^{11} + 27 \cdot 29^{12} + 23 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 5 \cdot 29^{16} + 19 \cdot 29^{17} + 14 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{29}(7, 3) = 8 \cdot 29^{10} + 23 \cdot 29^{11} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 6 \cdot 29^{17} + 24 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{29}(7, 2, 1) = 19 \cdot 29^{10} + 13 \cdot 29^{11} + 9 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 17 \cdot 29^{17} + 4 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{29}(7, 1, 2) = 16 \cdot 29^{10} + 26 \cdot 29^{11} + 4 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 20 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{29}(7, 1, 1, 1) = 23 \cdot 29^{10} + 15 \cdot 29^{11} + 26 \cdot 29^{12} + 22 \cdot 29^{13} + 21 \cdot 29^{14} + 9 \cdot 29^{15} + 24 \cdot 29^{16} + 19 \cdot 29^{17} + 24 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{29}(6, 4) = 4 \cdot 29^{10} + 10 \cdot 29^{11} + 29^{12} + 21 \cdot 29^{13} + 12 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{29}(6, 3, 1) = 12 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 24 \cdot 29^{13} + 2 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 3 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{29}(6, 2, 2) = 5 \cdot 29^{10} + 29^{11} + 4 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 4 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{29}(6, 2, 1, 1) = 25 \cdot 29^{10} + 5 \cdot 29^{11} + 10 \cdot 29^{12} + 12 \cdot 29^{13} + 3 \cdot 29^{14} + 19 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{29}(6, 1, 3) = 7 \cdot 29^{10} + 3 \cdot 29^{11} + 22 \cdot 29^{12} + 10 \cdot 29^{13} + 6 \cdot 29^{14} + 13 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{29}(6, 1, 2, 1) = 17 \cdot 29^{10} + 5 \cdot 29^{11} + 16 \cdot 29^{12} + 7 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{29}(6, 1, 1, 2) = 29^{10} + 4 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 20 \cdot 29^{15} + 19 \cdot 29^{16} + 15 \cdot 29^{17} + 11 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{29}(6, 1, 1, 1, 1) = 4 \cdot 29^{10} + 20 \cdot 29^{11} + 24 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 15 \cdot 29^{15} + 18 \cdot 29^{16} + 9 \cdot 29^{17} + 2 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{29}(5, 5) = 21 \cdot 29^{10} + 14 \cdot 29^{11} + 3 \cdot 29^{12} + 9 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{15} + 6 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{29}(5, 4, 1) = 2 \cdot 29^{10} + 23 \cdot 29^{11} + 23 \cdot 29^{12} + 24 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 17 \cdot 29^{17} + 27 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{29}(5, 3, 2) = 17 \cdot 29^{10} + 24 \cdot 29^{11} + 18 \cdot 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{29}(5, 3, 1, 1) = 23 \cdot 29^{10} + 19 \cdot 29^{11} + 17 \cdot 29^{12} + 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{29}(5, 2, 3) = 24 \cdot 29^{10} + 17 \cdot 29^{11} + 23 \cdot 29^{12} + 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{29}(5, 2, 2, 1) = 15 \cdot 29^{10} + 19 \cdot 29^{11} + 25 \cdot 29^{12} + 25 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{29}(5, 2, 1, 2) = 15 \cdot 29^{10} + 4 \cdot 29^{11} + 23 \cdot 29^{12} + 15 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{29}(5, 2, 1, 1, 1) = 22 \cdot 29^{10} + 17 \cdot 29^{11} + 10 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{14} + 22 \cdot 29^{15} + 21 \cdot 29^{16} + 28 \cdot 29^{17} + 28 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{29}(5, 1, 4) = 19 \cdot 29^{10} + 28 \cdot 29^{11} + 8 \cdot 29^{12} + 27 \cdot 29^{13} + 19 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{29}(5, 1, 3, 1) = 12 \cdot 29^{10} + 6 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 23 \cdot 29^{14} + 15 \cdot 29^{15} + 24 \cdot 29^{16} + 28 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{29}(5, 1, 2, 2) = 21 \cdot 29^{10} + 17 \cdot 29^{11} + 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 2 \cdot 29^{17} + 23 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{29}(5, 1, 2, 1, 1) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 16 \cdot 29^{12} + 4 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{29}(5, 1, 1, 3) = 26 \cdot 29^{10} + 15 \cdot 29^{11} + 28 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 8 \cdot 29^{15} + 17 \cdot 29^{16} + 26 \cdot 29^{17} + 13 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{29}(5, 1, 1, 2, 1) = 18 \cdot 29^{10} + 17 \cdot 29^{11} + 22 \cdot 29^{12} + 20 \cdot 29^{13} + 17 \cdot 29^{14} + 7 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{29}(5, 1, 1, 1, 2) = 11 \cdot 29^{10} + 28 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20})$$

$$\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{29}(5, 1, 1, 1, 1, 1) = 22 \cdot 29^{10} + 11 \cdot 29^{11} + 27 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 8 \cdot 29^{15} + 4 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})$$



$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 6) = 25 \cdot 29^{10} + 18 \cdot 29^{11} + 27 \cdot 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(4, 5, 1) = 25 \cdot 29^{10} + 29^{11} + 23 \cdot 29^{12} + 13 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 13 \cdot 29^{16} + 17 \cdot 29^{17} + 21 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 4, 2) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 5 \cdot 29^{13} + 7 \cdot 29^{14} + 2 \cdot 29^{15} + 26 \cdot 29^{16} + 10 \cdot 29^{17} + 17 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 4, 1, 1) = 17 \cdot 29^{10} + 6 \cdot 29^{11} + 26 \cdot 29^{12} + 4 \cdot 29^{13} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 3, 3) = 24 \cdot 29^{10} + 28 \cdot 29^{11} + 25 \cdot 29^{12} + 26 \cdot 29^{13} + 17 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 3, 2, 1) = 19 \cdot 29^{10} + 9 \cdot 29^{11} + 7 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 12 \cdot 29^{16} + 3 \cdot 29^{17} + 19 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 3, 1, 2) = 23 \cdot 29^{10} + 11 \cdot 29^{11} + 29^{12} + 27 \cdot 29^{13} + 29^{14} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 3, 1, 1, 1) = 2 \cdot 29^{10} + 29^{11} + 26 \cdot 29^{12} + 20 \cdot 29^{13} + 19 \cdot 29^{14} + 18 \cdot 29^{15} + 15 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 2, 4) = 7 \cdot 29^{10} + 15 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 12 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 6 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 2, 3, 1) = 2 \cdot 29^{10} + 29^{11} + 14 \cdot 29^{12} + 28 \cdot 29^{13} + 21 \cdot 29^{14} + 25 \cdot 29^{15} + 6 \cdot 29^{17} + 16 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 2, 2, 2) = 7 \cdot 29^{10} + 9 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 2, 2, 1, 1) = 11 \cdot 29^{10} + 6 \cdot 29^{11} + 10 \cdot 29^{12} + 26 \cdot 29^{13} + 9 \cdot 29^{14} + 25 \cdot 29^{15} + 21 \cdot 29^{16} + 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 2, 1, 3) = 2 \cdot 29^{10} + 10 \cdot 29^{11} + 15 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 16 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 2, 1, 2, 1) = 18 \cdot 29^{10} + 20 \cdot 29^{11} + 22 \cdot 29^{12} + 10 \cdot 29^{13} + 20 \cdot 29^{14} + 24 \cdot 29^{15} + 18 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 2, 1, 1, 2) = 16 \cdot 29^{10} + 5 \cdot 29^{11} + 28 \cdot 29^{12} + 9 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 20 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 2, 1, 1, 1, 1) = 26 \cdot 29^{10} + 9 \cdot 29^{11} + 3 \cdot 29^{12} + 4 \cdot 29^{14} + 9 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 5) = 5 \cdot 29^{10} + 23 \cdot 29^{11} + 21 \cdot 29^{12} + 2 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 16 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 4, 1) = 11 \cdot 29^{10} + 21 \cdot 29^{11} + 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 26 \cdot 29^{15} + 28 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 3, 2) = 9 \cdot 29^{10} + 27 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 3, 1, 1) = 8 \cdot 29^{10} + 4 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 2, 3) = 29^{10} + 10 \cdot 29^{11} + 17 \cdot 29^{12} + 15 \cdot 29^{13} + 19 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 28 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 2, 2, 1) = 5 \cdot 29^{10} + 28 \cdot 29^{11} + 24 \cdot 29^{12} + 9 \cdot 29^{13} + 19 \cdot 29^{14} + 21 \cdot 29^{15} + 29^{16} + 21 \cdot 29^{17} + 17 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 2, 1, 2) = 14 \cdot 29^{10} + 18 \cdot 29^{11} + 12 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 27 \cdot 29^{16} + 18 \cdot 29^{17} + 20 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 2, 1, 1, 1) = 18 \cdot 29^{10} + 5 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{16} + 28 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 4) = 22 \cdot 29^{10} + 15 \cdot 29^{11} + 18 \cdot 29^{12} + 23 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 19 \cdot 29^{17} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 3, 1) = 25 \cdot 29^{10} + 3 \cdot 29^{11} + 9 \cdot 29^{12} + 17 \cdot 29^{13} + 22 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 2, 2) = 20 \cdot 29^{10} + 20 \cdot 29^{11} + 16 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 22 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 2, 1, 1) = 9 \cdot 29^{10} + 15 \cdot 29^{11} + 29^{12} + 28 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 4 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 3) = 2 \cdot 29^{10} + 26 \cdot 29^{11} + 19 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{15} + 21 \cdot 29^{17} + 9 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 2, 1) = 23 \cdot 29^{10} + 12 \cdot 29^{11} + 5 \cdot 29^{12} + 3 \cdot 29^{13} + 19 \cdot 29^{14} + 17 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 2) = 29^{10} + 4 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 20 \cdot 29^{15} + 19 \cdot 29^{16} + 15 \cdot 29^{17} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 1) = 29^{10} + 28 \cdot 29^{11} + 2 \cdot 29^{12} + 4 \cdot 29^{13} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 24 \cdot 29^{16} + 3 \cdot 29^{17} + 20 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 7) = 20 \cdot 29^{10} + 9 \cdot 29^{11} + 23 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 6, 1) = 19 \cdot 29^{10} + 19 \cdot 29^{11} + 16 \cdot 29^{12} + 7 \cdot 29^{13} + 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 5, 2) = 18 \cdot 29^{10} + 13 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 5, 1, 1) = 17 \cdot 29^{10} + 2 \cdot 29^{11} + 5 \cdot 29^{12} + 26 \cdot 29^{13} + 8 \cdot 29^{14} + 16 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 4, 3) = 24 \cdot 29^{10} + 2 \cdot 29^{11} + 7 \cdot 29^{12} + 3 \cdot 29^{13} + 16 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 4, 2, 1) = 4 \cdot 29^{10} + 4 \cdot 29^{11} + 20 \cdot 29^{12} + 6 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 4, 1, 2) = 29^{11} + 20 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 3 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 4, 1, 1, 1) = 11 \cdot 29^{10} + 21 \cdot 29^{11} + 11 \cdot 29^{12} + 5 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 3, 4) = 11 \cdot 29^{10} + 22 \cdot 29^{11} + 25 \cdot 29^{13} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 3, 3, 1) = 22 \cdot 29^{10} + 22 \cdot 29^{11} + 7 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{14} + 18 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 3, 2, 2) = 17 \cdot 29^{10} + 17 \cdot 29^{11} + 15 \cdot 29^{13} + 15 \cdot 29^{14} + 25 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 6 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 3, 2, 1, 1) = 3 \cdot 29^{10} + 27 \cdot 29^{11} + 11 \cdot 29^{12} + 23 \cdot 29^{13} + 10 \cdot 29^{14} + 22 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 3, 1, 3) = 18 \cdot 29^{10} + 22 \cdot 29^{11} + 16 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 3, 1, 2, 1) = 27 \cdot 29^{10} + 23 \cdot 29^{11} + 14 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 3, 1, 1, 2) = 14 \cdot 29^{10} + 18 \cdot 29^{11} + 12 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 27 \cdot 29^{16} + 18 \cdot 29^{17} + 20 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 3, 1, 1, 1, 1) = 4 \cdot 29^{10} + 6 \cdot 29^{11} + 7 \cdot 29^{12} + 19 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 5) = 21 \cdot 29^{10} + 28 \cdot 29^{11} + 25 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 20 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 4, 1) = 22 \cdot 29^{10} + 21 \cdot 29^{11} + 2 \cdot 29^{12} + 13 \cdot 29^{13} + 11 \cdot 29^{14} + 2 \cdot 29^{15} + 4 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 3, 2) = 9 \cdot 29^{11} + 22 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 6 \cdot 29^{16} + 25 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 3, 1, 1) = 8 \cdot 29^{10} + 28 \cdot 29^{11} + 27 \cdot 29^{12} + 27 \cdot 29^{13} + 22 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 2, 3) = 11 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 17 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 2, 2, 1) = 10 \cdot 29^{10} + 15 \cdot 29^{11} + 8 \cdot 29^{12} + 20 \cdot 29^{13} + 3 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 2 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 2, 1, 2) = 5 \cdot 29^{10} + 6 \cdot 29^{11} + 29^{12} + 29^{13} + 2 \cdot 29^{14} + 22 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 2, 1, 1, 1) = 8 \cdot 29^{10} + 16 \cdot 29^{11} + 22 \cdot 29^{12} + 4 \cdot 29^{13} + 28 \cdot 29^{15} + 5 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 4) = 12 \cdot 29^{10} + 18 \cdot 29^{11} + 4 \cdot 29^{12} + 11 \cdot 29^{13} + 12 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 3, 1) = 29^{10} + 16 \cdot 29^{11} + 4 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 3 \cdot 29^{16} + 26 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 2, 2) = 7 \cdot 29^{10} + 4 \cdot 29^{11} + 24 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 2 \cdot 29^{15} + 26 \cdot 29^{16} + 5 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 2, 1, 1) = 26 \cdot 29^{10} + 29^{11} + 7 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 28 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 3) = 5 \cdot 29^{10} + 29^{11} + 8 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 17 \cdot 29^{15} + 23 \cdot 29^{16} + 14 \cdot 29^{17} + 5 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 2, 1) = 28 \cdot 29^{10} + 15 \cdot 29^{11} + 13 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 15 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 2) = 15 \cdot 29^{10} + 4 \cdot 29^{11} + 23 \cdot 29^{12} + 15 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 1) = 12 \cdot 29^{10} + 17 \cdot 29^{11} + 28 \cdot 29^{12} + 29^{13} + 20 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 6) = 16 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 5, 1) = 20 \cdot 29^{10} + 20 \cdot 29^{11} + 7 \cdot 29^{12} + 27 \cdot 29^{13} + 11 \cdot 29^{14} + 22 \cdot 29^{16} + 12 \cdot 29^{17} + 21 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 4, 2) = 21 \cdot 29^{10} + 19 \cdot 29^{11} + 26 \cdot 29^{12} + 9 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 23 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 4, 1, 1) = 18 \cdot 29^{10} + 10 \cdot 29^{11} + 20 \cdot 29^{12} + 2 \cdot 29^{13} + 5 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 3, 3) = 13 \cdot 29^{10} + 18 \cdot 29^{11} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 3, 2, 1) = 25 \cdot 29^{10} + 17 \cdot 29^{11} + 16 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 3, 1, 2) = 15 \cdot 29^{10} + 12 \cdot 29^{11} + 2 \cdot 29^{12} + 13 \cdot 29^{13} + 21 \cdot 29^{14} + 13 \cdot 29^{15} + 21 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 3, 1, 1, 1) = 14 \cdot 29^{10} + 8 \cdot 29^{11} + 6 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 4) = 22 \cdot 29^{10} + 7 \cdot 29^{11} + 11 \cdot 29^{12} + 25 \cdot 29^{13} + 15 \cdot 29^{14} + 28 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 3, 1) = 21 \cdot 29^{10} + 7 \cdot 29^{11} + 18 \cdot 29^{12} + 7 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 8 \cdot 29^{17} + 15 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 2, 2) = 7 \cdot 29^{10} + 26 \cdot 29^{11} + 16 \cdot 29^{12} + 4 \cdot 29^{13} + 20 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 2, 1, 1) = 5 \cdot 29^{10} + 22 \cdot 29^{11} + 7 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 12 \cdot 29^{17} + 3 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 3) = 17 \cdot 29^{10} + 18 \cdot 29^{11} + 5 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 23 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 2, 1) = 23 \cdot 29^{10} + 14 \cdot 29^{11} + 17 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 14 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 2) = 23 \cdot 29^{10} + 11 \cdot 29^{11} + 29^{12} + 27 \cdot 29^{13} + 29^{14} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 1) = 10 \cdot 29^{10} + 27 \cdot 29^{11} + 25 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 3 \cdot 29^{16} + 10 \cdot 29^{17} + 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 5) = 10 \cdot 29^{10} + 7 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 4, 1) = 10 \cdot 29^{10} + 16 \cdot 29^{11} + 15 \cdot 29^{12} + 10 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 3, 2) = 27 \cdot 29^{10} + 7 \cdot 29^{11} + 25 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 5 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 3, 1, 1) = 8 \cdot 29^{10} + 11 \cdot 29^{11} + 10 \cdot 29^{12} + 9 \cdot 29^{13} + 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 14 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 3) = 10 \cdot 29^{10} + 2 \cdot 29^{11} + 22 \cdot 29^{12} + 6 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 2, 1) = 14 \cdot 29^{10} + 22 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 2) = 29^{11} + 20 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 3 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 1) = 15 \cdot 29^{10} + 11 \cdot 29^{11} + 21 \cdot 29^{12} + 25 \cdot 29^{13} + 12 \cdot 29^{14} + 5 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 25 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 4) = 5 \cdot 29^{10} + 20 \cdot 29^{11} + 3 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 17 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 3, 1) = 2 \cdot 29^{10} + 24 \cdot 29^{11} + 5 \cdot 29^{12} + 27 \cdot 29^{13} + 29^{14} + 27 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 2) = 7 \cdot 29^{10} + 25 \cdot 29^{11} + 27 \cdot 29^{12} + 3 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 1) = 22 \cdot 29^{10} + 2 \cdot 29^{11} + 2 \cdot 29^{12} + 12 \cdot 29^{13} + 14 \cdot 29^{14} + 14 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 3) = 11 \cdot 29^{10} + 13 \cdot 29^{11} + 22 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{17} + 6 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 2, 1) = 29^{10} + 7 \cdot 29^{11} + 9 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 22 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 2) = 16 \cdot 29^{10} + 26 \cdot 29^{11} + 4 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 20 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 1, 1) = 17 \cdot 29^{10} + 13 \cdot 29^{11} + 2 \cdot 29^{12} + 17 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 8) = 3 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{14} + 22 \cdot 29^{15} + 26 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 7, 1) = 24 \cdot 29^{10} + 4 \cdot 29^{11} + 15 \cdot 29^{12} + 12 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 17 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 6, 2) = 18 \cdot 29^{10} + 5 \cdot 29^{11} + 11 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 2 \cdot 29^{16} + 4 \cdot 29^{17} + 2 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 6, 1, 1) = 6 \cdot 29^{10} + 8 \cdot 29^{11} + 7 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 4 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 5, 3) = 17 \cdot 29^{10} + 6 \cdot 29^{11} + 11 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{15} + 24 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 5, 2, 1) = 26 \cdot 29^{10} + 17 \cdot 29^{11} + 13 \cdot 29^{12} + 26 \cdot 29^{13} + 14 \cdot 29^{14} + 13 \cdot 29^{15} + 22 \cdot 29^{16} + 6 \cdot 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 5, 1, 2) = 7 \cdot 29^{10} + 25 \cdot 29^{11} + 27 \cdot 29^{12} + 3 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 5, 1, 1, 1) = 5 \cdot 29^{10} + 13 \cdot 29^{11} + 9 \cdot 29^{12} + 17 \cdot 29^{13} + 4 \cdot 29^{14} + 26 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 4, 4) = 22 \cdot 29^{10} + 21 \cdot 29^{11} + 16 \cdot 29^{12} + 16 \cdot 29^{13} + 9 \cdot 29^{14} + 12 \cdot 29^{15} + 23 \cdot 29^{16} + 13 \cdot 29^{17} + 5 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 4, 3, 1) = 11 \cdot 29^{10} + 14 \cdot 29^{11} + 5 \cdot 29^{12} + 4 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 24 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 4, 2, 2) = 25 \cdot 29^{10} + 21 \cdot 29^{11} + 25 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 4, 2, 1, 1) = 14 \cdot 29^{10} + 24 \cdot 29^{11} + 7 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 27 \cdot 29^{15} + 8 \cdot 29^{16} + 21 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 4, 1, 3) = 10 \cdot 29^{10} + 13 \cdot 29^{11} + 2 \cdot 29^{12} + 2 \cdot 29^{13} + 18 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 4, 1, 2, 1) = 26 \cdot 29^{10} + 2 \cdot 29^{11} + 17 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 13 \cdot 29^{16} + 17 \cdot 29^{17} + 9 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 4, 1, 1, 2) = 20 \cdot 29^{10} + 20 \cdot 29^{11} + 16 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 24 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 4, 1, 1, 1, 1) = 27 \cdot 29^{10} + 12 \cdot 29^{11} + 16 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{14} + 19 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 17 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 5) = 7 \cdot 29^{10} + 4 \cdot 29^{11} + 21 \cdot 29^{12} + 4 \cdot 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 12 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 4, 1) = 16 \cdot 29^{10} + 14 \cdot 29^{11} + 25 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 19 \cdot 29^{15} + 17 \cdot 29^{16} + 28 \cdot 29^{17} + 27 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 3, 2) = 7 \cdot 29^{10} + 24 \cdot 29^{11} + 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 20 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 3, 1, 1) = 13 \cdot 29^{10} + 8 \cdot 29^{11} + 29^{12} + 14 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 2, 3) = 18 \cdot 29^{10} + 28 \cdot 29^{11} + 14 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 3 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 2, 2, 1) = 11 \cdot 29^{10} + 18 \cdot 29^{11} + 19 \cdot 29^{13} + 19 \cdot 29^{14} + 6 \cdot 29^{15} + 11 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 2, 1, 2) = 7 \cdot 29^{10} + 4 \cdot 29^{11} + 24 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 2 \cdot 29^{15} + 26 \cdot 29^{16} + 5 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 2, 1, 1, 1) = 13 \cdot 29^{10} + 5 \cdot 29^{11} + 22 \cdot 29^{12} + 21 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 10 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 4) = 15 \cdot 29^{10} + 28 \cdot 29^{11} + 24 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 3, 1) = 16 \cdot 29^{10} + 22 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 5 \cdot 29^{16} + 28 \cdot 29^{17} + 9 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 2, 2) = 7 \cdot 29^{10} + 28 \cdot 29^{11} + 7 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{16} + 4 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 2, 1, 1) = 28 \cdot 29^{10} + 27 \cdot 29^{11} + 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 14 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 3) = 19 \cdot 29^{10} + 21 \cdot 29^{11} + 9 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{15} + 5 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 2, 1) = 5 \cdot 29^{10} + 19 \cdot 29^{11} + 18 \cdot 29^{12} + 2 \cdot 29^{13} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 4 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 2) = 21 \cdot 29^{10} + 17 \cdot 29^{11} + 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 2 \cdot 29^{17} + 23 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 1) = 8 \cdot 29^{10} + 6 \cdot 29^{11} + 2 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 11 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 6) = 6 \cdot 29^{10} + 22 \cdot 29^{11} + 13 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 8 \cdot 29^{17} + 6 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 5, 1) = 23 \cdot 29^{10} + 27 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 28 \cdot 29^{15} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 4, 2) = 13 \cdot 29^{10} + 26 \cdot 29^{11} + 27 \cdot 29^{12} + 16 \cdot 29^{13} + 21 \cdot 29^{14} + 15 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 4, 1, 1) = 6 \cdot 29^{10} + 27 \cdot 29^{11} + 29^{12} + 12 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 23 \cdot 29^{16} + 15 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 3, 3) = 7 \cdot 29^{10} + 26 \cdot 29^{11} + 5 \cdot 29^{12} + 15 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 21 \cdot 29^{16} + 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 3, 2, 1) = 4 \cdot 29^{10} + 2 \cdot 29^{11} + 16 \cdot 29^{13} + 20 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 3, 1, 2) = 7 \cdot 29^{10} + 26 \cdot 29^{11} + 16 \cdot 29^{12} + 4 \cdot 29^{13} + 20 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 3, 1, 1, 1) = 26 \cdot 29^{10} + 3 \cdot 29^{11} + 5 \cdot 29^{12} + 26 \cdot 29^{13} + 3 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 14 \cdot 29^{17} + 9 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 4) = 13 \cdot 29^{10} + 28 \cdot 29^{12} + 28 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 3, 1) = 11 \cdot 29^{10} + 5 \cdot 29^{11} + 25 \cdot 29^{12} + 12 \cdot 29^{13} + 24 \cdot 29^{15} + 16 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 2, 2) = O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 2, 1, 1) = 22 \cdot 29^{10} + 16 \cdot 29^{11} + 23 \cdot 29^{12} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 14 \cdot 29^{15} + 28 \cdot 29^{16} + 15 \cdot 29^{17} + 4 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 3) = 5 \cdot 29^{10} + 28 \cdot 29^{11} + 25 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 2, 1) = 3 \cdot 29^{10} + 6 \cdot 29^{11} + 3 \cdot 29^{12} + 3 \cdot 29^{14} + 8 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 2) = 7 \cdot 29^{10} + 9 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 1) = 3 \cdot 29^{10} + 4 \cdot 29^{11} + 12 \cdot 29^{12} + 29^{14} + 23 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 5) = 9 \cdot 29^{11} + 25 \cdot 29^{12} + 7 \cdot 29^{13} + 3 \cdot 29^{15} + 5 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 4, 1) = 3 \cdot 29^{10} + 5 \cdot 29^{11} + 12 \cdot 29^{12} + 23 \cdot 29^{13} + 14 \cdot 29^{14} + 16 \cdot 29^{15} + 10 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 3, 2) = 15 \cdot 29^{10} + 3 \cdot 29^{11} + 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 3, 1, 1) = 5 \cdot 29^{10} + 25 \cdot 29^{12} + 10 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 15 \cdot 29^{17} + 11 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 3) = 9 \cdot 29^{10} + 27 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 29^{17} + 15 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 2, 1) = 15 \cdot 29^{10} + 25 \cdot 29^{11} + 3 \cdot 29^{12} + 27 \cdot 29^{13} + 23 \cdot 29^{14} + 23 \cdot 29^{15} + 22 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 2) = 17 \cdot 29^{10} + 17 \cdot 29^{11} + 15 \cdot 29^{13} + 15 \cdot 29^{14} + 25 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 6 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 1) = 17 \cdot 29^{10} + 17 \cdot 29^{11} + 13 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 5 \cdot 29^{15} + 11 \cdot 29^{16} + 15 \cdot 29^{17} + 4 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 4) = 28 \cdot 29^{10} + 28 \cdot 29^{11} + 13 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 8 \cdot 29^{15} + 27 \cdot 29^{16} + 24 \cdot 29^{17} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 3, 1) = 7 \cdot 29^{11} + 12 \cdot 29^{12} + 6 \cdot 29^{13} + 5 \cdot 29^{14} + 17 \cdot 29^{15} + 9 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 2) = 25 \cdot 29^{10} + 21 \cdot 29^{11} + 25 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 1) = 2 \cdot 29^{10} + 24 \cdot 29^{11} + 27 \cdot 29^{12} + 19 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 20 \cdot 29^{16} + 21 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 3) = 19 \cdot 29^{10} + 29^{11} + 19 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 1) = 9 \cdot 29^{10} + 25 \cdot 29^{11} + 10 \cdot 29^{12} + 19 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 26 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 2) = 5 \cdot 29^{10} + 29^{11} + 4 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{14} + 4 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 1) = 5 \cdot 29^{10} + 22 \cdot 29^{11} + 26 \cdot 29^{12} + 5 \cdot 29^{13} + 23 \cdot 29^{14} + 22 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 7) = 23 \cdot 29^{10} + 23 \cdot 29^{11} + 23 \cdot 29^{12} + 6 \cdot 29^{13} + 20 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 6, 1) = 22 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 5, 2) = 12 \cdot 29^{10} + 7 \cdot 29^{11} + 12 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 17 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 5, 1, 1) = 24 \cdot 29^{10} + 12 \cdot 29^{11} + 9 \cdot 29^{12} + 9 \cdot 29^{13} + 17 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 20 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 4, 3) = 16 \cdot 29^{11} + 12 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 9 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 4, 2, 1) = 5 \cdot 29^{10} + 23 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 4, 1, 2) = 27 \cdot 29^{10} + 7 \cdot 29^{11} + 25 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 5 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 4, 1, 1, 1) = 15 \cdot 29^{10} + 19 \cdot 29^{11} + 14 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 4) = 28 \cdot 29^{10} + 13 \cdot 29^{11} + 28 \cdot 29^{12} + 26 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 17 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 3, 1) = 12 \cdot 29^{10} + 6 \cdot 29^{11} + 2 \cdot 29^{12} + 17 \cdot 29^{13} + 27 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{17} + 2 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 2, 2) = 15 \cdot 29^{10} + 3 \cdot 29^{11} + 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 2, 1, 1) = 15 \cdot 29^{10} + 21 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 28 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 3) = 8 \cdot 29^{10} + 24 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 2, 1) = 16 \cdot 29^{11} + 8 \cdot 29^{12} + 16 \cdot 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 12 \cdot 29^{16} + 8 \cdot 29^{17} + 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 2) = 9 \cdot 29^{10} + 27 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 1) = 7 \cdot 29^{10} + 12 \cdot 29^{11} + 16 \cdot 29^{12} + 28 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 10 \cdot 29^{16} + 4 \cdot 29^{17} + 22 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 5) = 11 \cdot 29^{10} + 10 \cdot 29^{11} + 15 \cdot 29^{12} + 12 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 9 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 4, 1) = 26 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 4 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
&\quad \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_{29}(2, 1, 2, 3, 2) = O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 3, 1, 1) = 17 \cdot 29^{10} + 23 \cdot 29^{11} + 6 \cdot 29^{12} + 13 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 23 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 3) = 5 \cdot 29^{10} + 27 \cdot 29^{11} + 10 \cdot 29^{12} + 5 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 8 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 2, 1) = 20 \cdot 29^{10} + 4 \cdot 29^{11} + 29^{12} + 28 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 5 \cdot 29^{16} + 14 \cdot 29^{17} + 12 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 2) = 9 \cdot 29^{11} + 22 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 6 \cdot 29^{16} + 25 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 1) = 2 \cdot 29^{11} + 26 \cdot 29^{12} + 20 \cdot 29^{13} + 22 \cdot 29^{14} + 13 \cdot 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 10 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 4) = 20 \cdot 29^{10} + 12 \cdot 29^{11} + 4 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 2 \cdot 29^{17} + 15 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 3, 1) = 27 \cdot 29^{10} + 3 \cdot 29^{11} + 20 \cdot 29^{12} + 15 \cdot 29^{13} + 7 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 26 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 2) = 7 \cdot 29^{10} + 24 \cdot 29^{11} + 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 20 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 1) = 9 \cdot 29^{10} + 17 \cdot 29^{11} + 15 \cdot 29^{12} + 11 \cdot 29^{13} + 3 \cdot 29^{14} + 17 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 16 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 3) = 24 \cdot 29^{10} + 21 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 2 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 1) = 13 \cdot 29^{11} + 17 \cdot 29^{12} + 23 \cdot 29^{13} + 8 \cdot 29^{14} + 17 \cdot 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 2) = 17 \cdot 29^{10} + 24 \cdot 29^{11} + 18 \cdot 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 1) = 9 \cdot 29^{10} + 17 \cdot 29^{11} + 19 \cdot 29^{12} + 16 \cdot 29^{13} + 11 \cdot 29^{14} + 11 \cdot 29^{15} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 6) = 26 \cdot 29^{10} + 12 \cdot 29^{11} + 22 \cdot 29^{12} + 23 \cdot 29^{13} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 5, 1) = 18 \cdot 29^{10} + 25 \cdot 29^{11} + 2 \cdot 29^{12} + 16 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 5 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 4, 2) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 22 \cdot 29^{12} + 20 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 8 \cdot 29^{17} + 6 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 4, 1, 1) = 24 \cdot 29^{10} + 29^{11} + 18 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 4 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 3) = 28 \cdot 29^{10} + 19 \cdot 29^{11} + 29^{12} + 21 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 28 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 2, 1) = 13 \cdot 29^{10} + 17 \cdot 29^{11} + 18 \cdot 29^{12} + 7 \cdot 29^{13} + 11 \cdot 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 2) = 21 \cdot 29^{10} + 19 \cdot 29^{11} + 26 \cdot 29^{12} + 9 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 23 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 1) = 5 \cdot 29^{10} + 21 \cdot 29^{11} + 11 \cdot 29^{12} + 22 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{17} + 6 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 4) = 2 \cdot 29^{10} + 23 \cdot 29^{11} + 24 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 3, 1) = 14 \cdot 29^{10} + 11 \cdot 29^{11} + 24 \cdot 29^{12} + 4 \cdot 29^{13} + 15 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 2) = 13 \cdot 29^{10} + 26 \cdot 29^{11} + 27 \cdot 29^{12} + 16 \cdot 29^{13} + 21 \cdot 29^{14} + 15 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 1) = 13 \cdot 29^{10} + 21 \cdot 29^{11} + 7 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 9 \cdot 29^{16} + 3 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 3) = 20 \cdot 29^{10} + 8 \cdot 29^{11} + 19 \cdot 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 1) = 25 \cdot 29^{10} + 15 \cdot 29^{11} + 20 \cdot 29^{12} + 29^{13} + 7 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 4 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 2) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 5 \cdot 29^{13} + 7 \cdot 29^{14} + 2 \cdot 29^{15} + 26 \cdot 29^{16} + 10 \cdot 29^{17} + 17 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 1) = 13 \cdot 29^{10} + 3 \cdot 29^{11} + 9 \cdot 29^{12} + 5 \cdot 29^{13} + 23 \cdot 29^{14} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 5) = 5 \cdot 29^{10} + 17 \cdot 29^{11} + 18 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 4, 1) = 26 \cdot 29^{10} + 2 \cdot 29^{11} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 21 \cdot 29^{16} + 26 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 2) = 12 \cdot 29^{10} + 7 \cdot 29^{11} + 12 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 17 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 1) = 22 \cdot 29^{10} + 20 \cdot 29^{11} + 10 \cdot 29^{12} + 11 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 3) = 18 \cdot 29^{10} + 23 \cdot 29^{11} + 26 \cdot 29^{12} + 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 5 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 1) = 14 \cdot 29^{10} + 15 \cdot 29^{11} + 11 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 2) = 18 \cdot 29^{10} + 13 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 1) = 11 \cdot 29^{10} + 14 \cdot 29^{11} + 25 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 2 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 9 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 4) = 9 \cdot 29^{11} + 27 \cdot 29^{12} + 20 \cdot 29^{13} + 25 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 1) = 23 \cdot 29^{10} + 29^{11} + 24 \cdot 29^{12} + 24 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 10 \cdot 29^{16} + 5 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 2) = 18 \cdot 29^{10} + 5 \cdot 29^{11} + 11 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 2 \cdot 29^{16} + 4 \cdot 29^{17} + 2 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 1) = 16 \cdot 29^{10} + 16 \cdot 29^{11} + 15 \cdot 29^{12} + 16 \cdot 29^{13} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 3) = 18 \cdot 29^{10} + 12 \cdot 29^{11} + 5 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 2, 1) = 5 \cdot 29^{10} + 22 \cdot 29^{11} + 26 \cdot 29^{12} + 5 \cdot 29^{13} + 23 \cdot 29^{14} + 22 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 2) = 26 \cdot 29^{10} + 10 \cdot 29^{11} + 8 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 6 \cdot 29^{15} + 2 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 9) = 9 \cdot 29^{10} + 10 \cdot 29^{11} + 29^{12} + 17 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 7 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 8, 1) = 3 \cdot 29^{10} + 5 \cdot 29^{11} + 25 \cdot 29^{12} + 23 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 22 \cdot 29^{16} + 25 \cdot 29^{17} + 18 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 7, 2) = 18 \cdot 29^{10} + 12 \cdot 29^{11} + 5 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 7, 1, 1) = 23 \cdot 29^{10} + 12 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 12 \cdot 29^{15} + 13 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 6, 3) = 27 \cdot 29^{10} + 29^{11} + 24 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{16} + 12 \cdot 29^{17} + 16 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 6, 2, 1) = 13 \cdot 29^{10} + 6 \cdot 29^{11} + 27 \cdot 29^{12} + 12 \cdot 29^{13} + 10 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 4 \cdot 29^{17} + 3 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 6, 1, 2) = 11 \cdot 29^{10} + 13 \cdot 29^{11} + 22 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{17} + 6 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 6, 1, 1, 1) = 29^{10} + 20 \cdot 29^{11} + 8 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 8 \cdot 29^{15} + 27 \cdot 29^{16} + 4 \cdot 29^{17} + 16 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 5, 4) = 12 \cdot 29^{10} + 10 \cdot 29^{11} + 20 \cdot 29^{12} + 4 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 5, 3, 1) = 27 \cdot 29^{10} + 2 \cdot 29^{11} + 14 \cdot 29^{12} + 6 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 16 \cdot 29^{16} + 23 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 5, 2, 2) = 19 \cdot 29^{10} + 29^{11} + 19 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 5, 2, 1, 1) = 6 \cdot 29^{10} + 22 \cdot 29^{11} + 10 \cdot 29^{12} + 16 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 12 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 5, 1, 3) = 2 \cdot 29^{10} + 28 \cdot 29^{11} + 18 \cdot 29^{12} + 27 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 5, 1, 2, 1) = 5 \cdot 29^{10} + 13 \cdot 29^{11} + 9 \cdot 29^{12} + 19 \cdot 29^{13} + 18 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 20 \cdot 29^{17} + 3 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 5, 1, 1, 2) = 2 \cdot 29^{10} + 26 \cdot 29^{11} + 19 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{15} + 21 \cdot 29^{17} + 9 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 5, 1, 1, 1, 1) = 18 \cdot 29^{10} + 28 \cdot 29^{11} + 4 \cdot 29^{12} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 17 \cdot 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 5) = 11 \cdot 29^{10} + 28 \cdot 29^{11} + 10 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 25 \cdot 29^{16} + 5 \cdot 29^{17} + 22 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 4, 1) = 15 \cdot 29^{10} + 6 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 19 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 6 \cdot 29^{17} + 8 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 3, 2) = 24 \cdot 29^{10} + 21 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 2 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 3, 1, 1) = 2 \cdot 29^{10} + 16 \cdot 29^{11} + 22 \cdot 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 29^{16} + 7 \cdot 29^{17} + 23 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 2, 3) = 27 \cdot 29^{10} + 3 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 15 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 2, 2, 1) = 28 \cdot 29^{10} + 14 \cdot 29^{11} + 24 \cdot 29^{12} + 5 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 2, 1, 2) = 5 \cdot 29^{10} + 29^{11} + 8 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 17 \cdot 29^{15} + 23 \cdot 29^{16} + 14 \cdot 29^{17} + 5 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 2, 1, 1, 1) = 21 \cdot 29^{10} + 21 \cdot 29^{11} + 4 \cdot 29^{12} + 8 \cdot 29^{13} + 20 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 4 \cdot 29^{17} + 16 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 4) = 29^{10} + 25 \cdot 29^{11} + 14 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 15 \cdot 29^{17} + 26 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 3, 1) = 16 \cdot 29^{10} + 14 \cdot 29^{11} + 16 \cdot 29^{12} + 3 \cdot 29^{13} + 28 \cdot 29^{14} + 12 \cdot 29^{15} + 15 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 2, 2) = 19 \cdot 29^{10} + 21 \cdot 29^{11} + 9 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{15} + 5 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 2, 1, 1) = 5 \cdot 29^{10} + 26 \cdot 29^{11} + 14 \cdot 29^{12} + 13 \cdot 29^{13} + 9 \cdot 29^{14} + 8 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 5 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 3) = 5 \cdot 29^{10} + 11 \cdot 29^{11} + 25 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 6 \cdot 29^{15} + 23 \cdot 29^{16} + 20 \cdot 29^{17} + 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 2, 1) = 29^{10} + 14 \cdot 29^{11} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 2) = 26 \cdot 29^{10} + 15 \cdot 29^{11} + 28 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 8 \cdot 29^{15} + 17 \cdot 29^{16} + 26 \cdot 29^{17} + 13 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 1) = 16 \cdot 29^{10} + 5 \cdot 29^{11} + 19 \cdot 29^{12} + 12 \cdot 29^{13} + 17 \cdot 29^{14} + 2 \cdot 29^{15} + 5 \cdot 29^{16} + 16 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 6) = 7 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 14 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 5, 1) = 10 \cdot 29^{11} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 17 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 4, 2) = 20 \cdot 29^{10} + 8 \cdot 29^{11} + 19 \cdot 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 4, 1, 1) = 15 \cdot 29^{10} + 17 \cdot 29^{11} + 13 \cdot 29^{12} + 15 \cdot 29^{13} + 20 \cdot 29^{14} + 6 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 3, 3) = 4 \cdot 29^{10} + 27 \cdot 29^{11} + 27 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 3, 2, 1) = 25 \cdot 29^{10} + 23 \cdot 29^{11} + 24 \cdot 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 12 \cdot 29^{15} + 4 \cdot 29^{16} + 7 \cdot 29^{17} + 23 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 3, 1, 2) = 17 \cdot 29^{10} + 18 \cdot 29^{11} + 5 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 23 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 3, 1, 1, 1) = 19 \cdot 29^{10} + 12 \cdot 29^{11} + 23 \cdot 29^{12} + 27 \cdot 29^{14} + 4 \cdot 29^{15} + 11 \cdot 29^{16} + 16 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 4) = 21 \cdot 29^{10} + 29^{11} + 10 \cdot 29^{12} + 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 3, 1) = 3 \cdot 29^{10} + 10 \cdot 29^{11} + 19 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 26 \cdot 29^{17} + 2 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 2, 2) = 5 \cdot 29^{10} + 28 \cdot 29^{11} + 25 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 2, 1, 1) = 4 \cdot 29^{10} + 29^{11} + 12 \cdot 29^{12} + 28 \cdot 29^{13} + 6 \cdot 29^{14} + 3 \cdot 29^{15} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 28 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 3) = 27 \cdot 29^{10} + 27 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 7 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 2, 1) = 9 \cdot 29^{10} + 14 \cdot 29^{11} + 11 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 3 \cdot 29^{15} + 19 \cdot 29^{16} + 21 \cdot 29^{17} + 5 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 2) = 2 \cdot 29^{10} + 10 \cdot 29^{11} + 15 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 16 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 1) = 2 \cdot 29^{10} + 14 \cdot 29^{11} + 12 \cdot 29^{12} + 17 \cdot 29^{13} + 12 \cdot 29^{14} + 11 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 5) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 23 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 4, 1) = 15 \cdot 29^{10} + 7 \cdot 29^{11} + 5 \cdot 29^{12} + 26 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 3, 2) = 8 \cdot 29^{10} + 24 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 3, 1, 1) = 20 \cdot 29^{10} + 2 \cdot 29^{11} + 2 \cdot 29^{12} + 16 \cdot 29^{13} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 3) = 22 \cdot 29^{10} + 19 \cdot 29^{11} + 7 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 16 \cdot 29^{15} + 12 \cdot 29^{16} + 4 \cdot 29^{17} + 27 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 2, 1) = 16 \cdot 29^{10} + 3 \cdot 29^{11} + 14 \cdot 29^{12} + 20 \cdot 29^{13} + 7 \cdot 29^{14} + 9 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 2) = 18 \cdot 29^{10} + 22 \cdot 29^{11} + 16 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 1) = 7 \cdot 29^{10} + 6 \cdot 29^{11} + 25 \cdot 29^{12} + 24 \cdot 29^{13} + 29^{14} + 21 \cdot 29^{15} + 26 \cdot 29^{16} + 9 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 4) = 25 \cdot 29^{10} + 18 \cdot 29^{11} + 26 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 9 \cdot 29^{17} + 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 3, 1) = 10 \cdot 29^{10} + 27 \cdot 29^{11} + 4 \cdot 29^{12} + 7 \cdot 29^{13} + 8 \cdot 29^{14} + 7 \cdot 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 2) = 10 \cdot 29^{10} + 13 \cdot 29^{11} + 2 \cdot 29^{12} + 2 \cdot 29^{13} + 18 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 1) = 5 \cdot 29^{10} + 23 \cdot 29^{11} + 7 \cdot 29^{12} + 14 \cdot 29^{13} + 3 \cdot 29^{14} + 9 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 3) = 2 \cdot 29^{10} + 28 \cdot 29^{11} + 18 \cdot 29^{12} + 27 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 1) = 25 \cdot 29^{11} + 12 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 2) = 7 \cdot 29^{10} + 3 \cdot 29^{11} + 22 \cdot 29^{12} + 10 \cdot 29^{13} + 6 \cdot 29^{14} + 13 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 1) = 25 \cdot 29^{10} + 13 \cdot 29^{11} + 21 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 11 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 7) = 17 \cdot 29^{10} + 29^{11} + 4 \cdot 29^{12} + 10 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 6, 1) = 21 \cdot 29^{10} + 20 \cdot 29^{11} + 19 \cdot 29^{12} + 12 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 16 \cdot 29^{16} + 20 \cdot 29^{17} + 15 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 5, 2) = 18 \cdot 29^{10} + 23 \cdot 29^{11} + 26 \cdot 29^{12} + 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 5 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 5, 1, 1) = 10 \cdot 29^{10} + 24 \cdot 29^{11} + 28 \cdot 29^{12} + 17 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 4, 3) = 3 \cdot 29^{10} + 12 \cdot 29^{11} + 2 \cdot 29^{12} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 4, 2, 1) = 20 \cdot 29^{10} + 5 \cdot 29^{11} + 24 \cdot 29^{12} + 7 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 4, 1, 2) = 10 \cdot 29^{10} + 2 \cdot 29^{11} + 22 \cdot 29^{12} + 6 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 4, 1, 1, 1) = 13 \cdot 29^{10} + 22 \cdot 29^{11} + 25 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 4) = 17 \cdot 29^{10} + 10 \cdot 29^{11} + 27 \cdot 29^{12} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 3, 1) = 6 \cdot 29^{10} + 23 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 16 \cdot 29^{16} + 10 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 2, 2) = 9 \cdot 29^{10} + 27 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 29^{17} + 15 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 2, 1, 1) = 28 \cdot 29^{10} + 20 \cdot 29^{11} + 4 \cdot 29^{12} + 14 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 24 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 3) = 22 \cdot 29^{10} + 19 \cdot 29^{11} + 7 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 16 \cdot 29^{15} + 12 \cdot 29^{16} + 4 \cdot 29^{17} + 27 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 2, 1) = 21 \cdot 29^{10} + 25 \cdot 29^{11} + 17 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 17 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 2) = 29^{10} + 10 \cdot 29^{11} + 17 \cdot 29^{12} + 15 \cdot 29^{13} + 19 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 28 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 1) = 15 \cdot 29^{10} + 13 \cdot 29^{11} + 15 \cdot 29^{12} + 28 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 27 \cdot 29^{16} + 13 \cdot 29^{17} + 3 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 5) = 19 \cdot 29^{10} + 11 \cdot 29^{11} + 16 \cdot 29^{12} + 2 \cdot 29^{13} + 25 \cdot 29^{14} + 14 \cdot 29^{15} + 15 \cdot 29^{16} + 5 \cdot 29^{17} + 10 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 4, 1) = 27 \cdot 29^{10} + 24 \cdot 29^{11} + 22 \cdot 29^{12} + 3 \cdot 29^{13} + 6 \cdot 29^{14} + 26 \cdot 29^{15} + 15 \cdot 29^{16} + 10 \cdot 29^{17} + 15 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 3, 2) = 5 \cdot 29^{10} + 27 \cdot 29^{11} + 10 \cdot 29^{12} + 5 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 8 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 3, 1, 1) = 15 \cdot 29^{10} + 5 \cdot 29^{11} + 21 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 3 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 3) = 19 \cdot 29^{10} + 29^{11} + 6 \cdot 29^{12} + 9 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 6 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 2, 1) = 27 \cdot 29^{10} + 4 \cdot 29^{11} + 26 \cdot 29^{12} + 12 \cdot 29^{13} + 18 \cdot 29^{14} + 11 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 2) = 11 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 17 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 1) = 6 \cdot 29^{10} + 29^{11} + 23 \cdot 29^{12} + 14 \cdot 29^{13} + 25 \cdot 29^{14} + 21 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 4) = 26 \cdot 29^{10} + 12 \cdot 29^{11} + 17 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 5 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 3, 1) = 4 \cdot 29^{10} + 16 \cdot 29^{11} + 21 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 2 \cdot 29^{17} + 2 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 2) = 18 \cdot 29^{10} + 28 \cdot 29^{11} + 14 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 3 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 1) = 6 \cdot 29^{10} + 7 \cdot 29^{11} + 9 \cdot 29^{12} + 13 \cdot 29^{13} + 9 \cdot 29^{14} + 12 \cdot 29^{15} + 6 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 3) = 27 \cdot 29^{10} + 3 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 15 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 1) = 9 \cdot 29^{10} + 28 \cdot 29^{11} + 19 \cdot 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 11 \cdot 29^{15} + 7 \cdot 29^{16} + 4 \cdot 29^{17} + 6 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 2) = 24 \cdot 29^{10} + 17 \cdot 29^{11} + 23 \cdot 29^{12} + 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 1) = 5 \cdot 29^{10} + 3 \cdot 29^{11} + 16 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 7 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 8 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 6) = 26 \cdot 29^{10} + 4 \cdot 29^{11} + 14 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 4 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 5, 1) = 13 \cdot 29^{10} + 19 \cdot 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 4, 2) = 28 \cdot 29^{10} + 19 \cdot 29^{11} + 29^{12} + 21 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 28 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 4, 1, 1) = 27 \cdot 29^{10} + 17 \cdot 29^{11} + 9 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 20 \cdot 29^{17} + 3 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 3) = 21 \cdot 29^{10} + 28 \cdot 29^{11} + 18 \cdot 29^{12} + 13 \cdot 29^{13} + 15 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 2, 1) = 28 \cdot 29^{10} + 20 \cdot 29^{11} + 14 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 23 \cdot 29^{17} + 21 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 2) = 13 \cdot 29^{10} + 18 \cdot 29^{11} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 1) = 22 \cdot 29^{10} + 9 \cdot 29^{12} + 15 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 4) = 18 \cdot 29^{10} + 27 \cdot 29^{11} + 13 \cdot 29^{12} + 12 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 18 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 3, 1) = 12 \cdot 29^{10} + 25 \cdot 29^{11} + 22 \cdot 29^{12} + 7 \cdot 29^{13} + 9 \cdot 29^{14} + 22 \cdot 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 7 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 2) = 7 \cdot 29^{10} + 26 \cdot 29^{11} + 5 \cdot 29^{12} + 15 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 21 \cdot 29^{16} + 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 1) = 15 \cdot 29^{10} + 5 \cdot 29^{11} + 6 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{16} + 17 \cdot 29^{17} + 20 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 3) = 4 \cdot 29^{10} + 27 \cdot 29^{11} + 27 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 1) = 26 \cdot 29^{10} + 11 \cdot 29^{11} + 14 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 2) = 24 \cdot 29^{10} + 28 \cdot 29^{11} + 25 \cdot 29^{12} + 26 \cdot 29^{13} + 17 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 1) = 16 \cdot 29^{10} + 9 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 5) = 7 \cdot 29^{10} + 28 \cdot 29^{11} + 23 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 11 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 4, 1) = 12 \cdot 29^{10} + 21 \cdot 29^{11} + 3 \cdot 29^{12} + 10 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 2) = 16 \cdot 29^{11} + 12 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 9 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 1) = 3 \cdot 29^{11} + 15 \cdot 29^{12} + 4 \cdot 29^{13} + 14 \cdot 29^{14} + 13 \cdot 29^{15} + 6 \cdot 29^{16} + 25 \cdot 29^{17} + 13 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 3) = 3 \cdot 29^{10} + 12 \cdot 29^{11} + 2 \cdot 29^{12} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 1) = 21 \cdot 29^{10} + 18 \cdot 29^{11} + 6 \cdot 29^{12} + 10 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 2) = 24 \cdot 29^{10} + 2 \cdot 29^{11} + 7 \cdot 29^{12} + 3 \cdot 29^{13} + 16 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 1) = 10 \cdot 29^{10} + 22 \cdot 29^{11} + 17 \cdot 29^{12} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 9 \cdot 29^{15} + 3 \cdot 29^{16} + 24 \cdot 29^{17} + 28 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 4) = 29^{10} + 4 \cdot 29^{11} + 28 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{14} + 8 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 1) = 15 \cdot 29^{10} + 10 \cdot 29^{11} + 10 \cdot 29^{12} + 22 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 2) = 17 \cdot 29^{10} + 6 \cdot 29^{11} + 11 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{15} + 24 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 1) = 16 \cdot 29^{10} + 9 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 3) = 27 \cdot 29^{10} + 29^{11} + 24 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{16} + 12 \cdot 29^{17} + 16 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 1) = 27 \cdot 29^{10} + 3 \cdot 29^{11} + 20 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{15} + 19 \cdot 29^{16} + 5 \cdot 29^{17} + 3 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 2) = 8 \cdot 29^{10} + 23 \cdot 29^{11} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 6 \cdot 29^{17} + 24 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 8) = 7 \cdot 29^{10} + 12 \cdot 29^{11} + 5 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 13 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 7, 1) = 27 \cdot 29^{10} + 4 \cdot 29^{11} + 21 \cdot 29^{12} + 27 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 17 \cdot 29^{17} + 2 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 6, 2) = 9 \cdot 29^{11} + 27 \cdot 29^{12} + 20 \cdot 29^{13} + 25 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 6, 1, 1) = 17 \cdot 29^{10} + 29^{11} + 24 \cdot 29^{12} + 27 \cdot 29^{13} + 14 \cdot 29^{14} + 15 \cdot 29^{15} + 13 \cdot 29^{16} + 20 \cdot 29^{17} + 11 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 5, 3) = 29^{10} + 4 \cdot 29^{11} + 28 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{14} + 8 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 18 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 5, 2, 1) = 7 \cdot 29^{10} + 20 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 28 \cdot 29^{15} + 5 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 5, 1, 2) = 5 \cdot 29^{10} + 20 \cdot 29^{11} + 3 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 17 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 5, 1, 1, 1) = 26 \cdot 29^{10} + 14 \cdot 29^{12} + 7 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 26 \cdot 29^{16} + 16 \cdot 29^{17} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 4) = 13 \cdot 29^{10} + 26 \cdot 29^{11} + 23 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{15} + 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 3, 1) = 24 \cdot 29^{10} + 11 \cdot 29^{11} + 8 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 14 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 2, 2) = 28 \cdot 29^{10} + 28 \cdot 29^{11} + 13 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 8 \cdot 29^{15} + 27 \cdot 29^{16} + 24 \cdot 29^{17} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 2, 1, 1) = 23 \cdot 29^{10} + 29^{11} + 28 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 7 \cdot 29^{15} + 12 \cdot 29^{16} + 9 \cdot 29^{17} + 15 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 3) = 25 \cdot 29^{10} + 18 \cdot 29^{11} + 26 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 9 \cdot 29^{17} + 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 2, 1) = 5 \cdot 29^{10} + 13 \cdot 29^{11} + 18 \cdot 29^{12} + 29^{13} + 5 \cdot 29^{14} + 27 \cdot 29^{15} + 12 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 2) = 22 \cdot 29^{10} + 15 \cdot 29^{11} + 18 \cdot 29^{12} + 23 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 19 \cdot 29^{17} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 1) = 16 \cdot 29^{10} + 10 \cdot 29^{11} + 26 \cdot 29^{12} + 11 \cdot 29^{13} + 5 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 5) = 14 \cdot 29^{10} + 22 \cdot 29^{11} + 2 \cdot 29^{12} + 14 \cdot 29^{13} + 20 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 4, 1) = 10 \cdot 29^{10} + 2 \cdot 29^{11} + 23 \cdot 29^{12} + 12 \cdot 29^{13} + 28 \cdot 29^{14} + 25 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 3, 2) = 20 \cdot 29^{10} + 12 \cdot 29^{11} + 4 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 2 \cdot 29^{17} + 15 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 3, 1, 1) = 22 \cdot 29^{11} + 2 \cdot 29^{12} + 8 \cdot 29^{13} + 20 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 28 \cdot 29^{17} + 21 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 3) = 26 \cdot 29^{10} + 12 \cdot 29^{11} + 17 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 5 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 2, 1) = 20 \cdot 29^{10} + 14 \cdot 29^{11} + 14 \cdot 29^{12} + 21 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 2) = 12 \cdot 29^{10} + 18 \cdot 29^{11} + 4 \cdot 29^{12} + 11 \cdot 29^{13} + 12 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 1) = 10 \cdot 29^{10} + 15 \cdot 29^{11} + 26 \cdot 29^{12} + 22 \cdot 29^{13} + 21 \cdot 29^{14} + 11 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 4) = 19 \cdot 29^{10} + 17 \cdot 29^{11} + 6 \cdot 29^{12} + 15 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 17 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 3, 1) = 28 \cdot 29^{10} + 2 \cdot 29^{11} + 29^{12} + 16 \cdot 29^{13} + 3 \cdot 29^{14} + 28 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 2) = 15 \cdot 29^{10} + 28 \cdot 29^{11} + 24 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 1) = 15 \cdot 29^{10} + 16 \cdot 29^{11} + 2 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 9 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 3) = 29^{10} + 25 \cdot 29^{11} + 14 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 15 \cdot 29^{17} + 26 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 2) = 13 \cdot 29^{10} + 9 \cdot 29^{11} + 19 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 10 \cdot 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 2) = 19 \cdot 29^{10} + 28 \cdot 29^{11} + 8 \cdot 29^{12} + 27 \cdot 29^{13} + 19 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1) = 16 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 6) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 27 \cdot 29^{12} + 25 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 5, 1) = 25 \cdot 29^{10} + 10 \cdot 29^{11} + 10 \cdot 29^{12} + 10 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 16 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 4, 2) = 2 \cdot 29^{10} + 23 \cdot 29^{11} + 24 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 4, 1, 1) = 3 \cdot 29^{10} + 5 \cdot 29^{11} + 17 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 20 \cdot 29^{16} + 29^{17} + 28 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 3) = 18 \cdot 29^{10} + 27 \cdot 29^{11} + 13 \cdot 29^{12} + 12 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 18 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 2, 1) = 17 \cdot 29^{10} + 29^{11} + 5 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 22 \cdot 29^{15} + 26 \cdot 29^{16} + 8 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 2) = 22 \cdot 29^{10} + 7 \cdot 29^{11} + 11 \cdot 29^{12} + 25 \cdot 29^{13} + 15 \cdot 29^{14} + 28 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 1) = 2 \cdot 29^{10} + 10 \cdot 29^{11} + 4 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{14} + 12 \cdot 29^{15} + 11 \cdot 29^{16} + 23 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 4) = 2 \cdot 29^{10} + 13 \cdot 29^{11} + 4 \cdot 29^{12} + 29^{13} + 17 \cdot 29^{14} + 7 \cdot 29^{15} + 9 \cdot 29^{16} + 10 \cdot 29^{17} + 18 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 3, 1) = 9 \cdot 29^{10} + 15 \cdot 29^{11} + 5 \cdot 29^{12} + 14 \cdot 29^{13} + 20 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 2) = 13 \cdot 29^{10} + 28 \cdot 29^{12} + 28 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 1) = 9 \cdot 29^{10} + 19 \cdot 29^{11} + 24 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 27 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 3) = 21 \cdot 29^{10} + 29^{11} + 10 \cdot 29^{12} + 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 2) = 18 \cdot 29^{10} + 26 \cdot 29^{11} + 2 \cdot 29^{12} + 9 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{16} + 26 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 2) = 7 \cdot 29^{10} + 15 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 12 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 6 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1) = 10 \cdot 29^{10} + 17 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 5) = 5 \cdot 29^{10} + 17 \cdot 29^{11} + 20 \cdot 29^{12} + 19 \cdot 29^{13} + 4 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 4, 1) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 6 \cdot 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 26 \cdot 29^{15} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 2) = 28 \cdot 29^{10} + 13 \cdot 29^{11} + 28 \cdot 29^{12} + 26 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 17 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 1) = 2 \cdot 29^{10} + 4 \cdot 29^{11} + 22 \cdot 29^{12} + 29^{13} + 5 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 3) = 17 \cdot 29^{10} + 10 \cdot 29^{11} + 27 \cdot 29^{12} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 2) = 18 \cdot 29^{11} + 8 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 9 \cdot 29^{16} + 26 \cdot 29^{17} + 2 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1) = 11 \cdot 29^{10} + 22 \cdot 29^{11} + 25 \cdot 29^{13} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1) = 17 \cdot 29^{10} + 3 \cdot 29^{11} + 27 \cdot 29^{12} + 16 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 9 \cdot 29^{17} + 2 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 4) = 13 \cdot 29^{10} + 26 \cdot 29^{11} + 23 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{15} + 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 1) = 2 \cdot 29^{10} + 26 \cdot 29^{11} + 2 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 12 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 2) = 22 \cdot 29^{10} + 21 \cdot 29^{11} + 16 \cdot 29^{12} + 16 \cdot 29^{13} + 9 \cdot 29^{14} + 12 \cdot 29^{15} + 23 \cdot 29^{16} + 13 \cdot 29^{17} + 5 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 1) = 17 \cdot 29^{10} + 3 \cdot 29^{11} + 27 \cdot 29^{12} + 16 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 9 \cdot 29^{17} + 2 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 3) = 12 \cdot 29^{10} + 10 \cdot 29^{11} + 20 \cdot 29^{12} + 4 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 1) = 12 \cdot 29^{10} + 6 \cdot 29^{11} + 8 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 9 \cdot 29^{15} + 7 \cdot 29^{16} + 12 \cdot 29^{17} + 5 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 2) = 4 \cdot 29^{10} + 10 \cdot 29^{11} + 29^{12} + 21 \cdot 29^{13} + 12 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 7) = 14 \cdot 29^{10} + 24 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 29^{14} + 29^{16} + 26 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 6, 1) = 4 \cdot 29^{10} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 6 \cdot 29^{14} + 25 \cdot 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 24 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 5, 2) = 5 \cdot 29^{10} + 17 \cdot 29^{11} + 18 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 5, 1, 1) = 3 \cdot 29^{10} + 21 \cdot 29^{11} + 13 \cdot 29^{12} + 21 \cdot 29^{13} + 26 \cdot 29^{14} + 13 \cdot 29^{15} + 26 \cdot 29^{16} + 20 \cdot 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 3) = 7 \cdot 29^{10} + 28 \cdot 29^{11} + 23 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 11 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 2, 1) = 13 \cdot 29^{10} + 17 \cdot 29^{11} + 22 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 14 \cdot 29^{15} + 9 \cdot 29^{16} + 4 \cdot 29^{17} + 14 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 2) = 10 \cdot 29^{10} + 7 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 1) = 10 \cdot 29^{10} + 19 \cdot 29^{11} + 16 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 15 \cdot 29^{15} + 27 \cdot 29^{16} + 28 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 4) = 5 \cdot 29^{10} + 17 \cdot 29^{11} + 20 \cdot 29^{12} + 19 \cdot 29^{13} + 4 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 3, 1) = 15 \cdot 29^{10} + 23 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 4 \cdot 29^{14} + 15 \cdot 29^{15} + 27 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 2) = 9 \cdot 29^{11} + 25 \cdot 29^{12} + 7 \cdot 29^{13} + 3 \cdot 29^{15} + 5 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 1) = 19 \cdot 29^{10} + 11 \cdot 29^{11} + 23 \cdot 29^{12} + 4 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 3) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 23 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 1) = 7 \cdot 29^{11} + 5 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 23 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 16 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 2) = 5 \cdot 29^{10} + 23 \cdot 29^{11} + 21 \cdot 29^{12} + 2 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 16 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 1) = 21 \cdot 29^{10} + 14 \cdot 29^{11} + 3 \cdot 29^{12} + 9 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{15} + 6 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 5) = 22 \cdot 29^{10} + 29^{11} + 27 \cdot 29^{12} + 19 \cdot 29^{13} + 8 \cdot 29^{14} + 5 \cdot 29^{15} + 17 \cdot 29^{16} + 15 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 4, 1) = 4 \cdot 29^{10} + 3 \cdot 29^{11} + 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 2) = 11 \cdot 29^{10} + 10 \cdot 29^{11} + 15 \cdot 29^{12} + 12 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 9 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 1) = 17 \cdot 29^{10} + 14 \cdot 29^{11} + 8 \cdot 29^{12} + 7 \cdot 29^{14} + 13 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 3) = 19 \cdot 29^{10} + 11 \cdot 29^{11} + 16 \cdot 29^{12} + 2 \cdot 29^{13} + 25 \cdot 29^{14} + 14 \cdot 29^{15} + 15 \cdot 29^{16} + 5 \cdot 29^{17} + 10 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 1) = 29^{10} + 26 \cdot 29^{11} + 10 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 2 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 2) = 21 \cdot 29^{10} + 28 \cdot 29^{11} + 25 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 20 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 1) = 25 \cdot 29^{10} + 9 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 2 \cdot 29^{14} + 22 \cdot 29^{15} + 24 \cdot 29^{16} + 18 \cdot 29^{17} + 2 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 4) = 14 \cdot 29^{10} + 22 \cdot 29^{11} + 2 \cdot 29^{12} + 14 \cdot 29^{13} + 20 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 1) = 12 \cdot 29^{10} + 17 \cdot 29^{11} + 13 \cdot 29^{12} + 12 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{16} + 18 \cdot 29^{17} + 20 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 2) = 7 \cdot 29^{10} + 4 \cdot 29^{11} + 21 \cdot 29^{12} + 4 \cdot 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 12 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 1) = 18 \cdot 29^{10} + 23 \cdot 29^{11} + 2 \cdot 29^{12} + 13 \cdot 29^{13} + 19 \cdot 29^{14} + 7 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 25 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 3) = 11 \cdot 29^{10} + 28 \cdot 29^{11} + 10 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 25 \cdot 29^{16} + 5 \cdot 29^{17} + 22 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 1) = 23 \cdot 29^{10} + 20 \cdot 29^{11} + 21 \cdot 29^{12} + 10 \cdot 29^{13} + 23 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 2) = 21 \cdot 29^{10} + 14 \cdot 29^{11} + 3 \cdot 29^{12} + 9 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{15} + 6 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
&\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 6) = 3 \cdot 29^{10} + 16 \cdot 29^{11} + 13 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 21 \cdot 29^{15} + 15 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 5, 1) = 4 \cdot 29^{10} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 6 \cdot 29^{14} + 25 \cdot 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 24 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 2) = 26 \cdot 29^{10} + 12 \cdot 29^{11} + 22 \cdot 29^{12} + 23 \cdot 29^{13} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 1) = 10 \cdot 29^{10} + 6 \cdot 29^{11} + 24 \cdot 29^{12} + 24 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 3) = 26 \cdot 29^{10} + 4 \cdot 29^{11} + 14 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 4 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 1) = 27 \cdot 29^{10} + 27 \cdot 29^{11} + 26 \cdot 29^{12} + 5 \cdot 29^{13} + 13 \cdot 29^{14} + 8 \cdot 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 2 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 2) = 16 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 1) = 13 \cdot 29^{10} + 9 \cdot 29^{11} + 19 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 10 \cdot 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 4) = 5 \cdot 29^{10} + 9 \cdot 29^{11} + 27 \cdot 29^{12} + 25 \cdot 29^{13} + 11 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 1) = 23 \cdot 29^{10} + 16 \cdot 29^{11} + 10 \cdot 29^{13} + 5 \cdot 29^{14} + 8 \cdot 29^{15} + 29^{16} + 7 \cdot 29^{17} + 10 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 2) = 6 \cdot 29^{10} + 22 \cdot 29^{11} + 13 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 8 \cdot 29^{17} + 6 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 1) = 29^{10} + 2 \cdot 29^{11} + 13 \cdot 29^{12} + 17 \cdot 29^{13} + 19 \cdot 29^{14} + 12 \cdot 29^{15} + 13 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 3) = 7 \cdot 29^{10} + 19 \cdot 29^{11} + 9 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 14 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 1) = 8 \cdot 29^{10} + 29^{11} + 9 \cdot 29^{12} + 17 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 10 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 2) = 25 \cdot 29^{10} + 18 \cdot 29^{11} + 27 \cdot 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
&\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 5) = 14 \cdot 29^{10} + 24 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 29^{14} + 29^{16} + 26 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 1) = 27 \cdot 29^{10} + 4 \cdot 29^{11} + 21 \cdot 29^{12} + 27 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 17 \cdot 29^{17} + 2 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 2) = 23 \cdot 29^{10} + 23 \cdot 29^{11} + 23 \cdot 29^{12} + 6 \cdot 29^{13} + 20 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 1) = 3 \cdot 29^{10} + 19 \cdot 29^{11} + 2 \cdot 29^{12} + 22 \cdot 29^{13} + 8 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 10 \cdot 29^{17} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 3) = 17 \cdot 29^{10} + 29^{11} + 4 \cdot 29^{12} + 10 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 1) = 26 \cdot 29^{10} + 27 \cdot 29^{11} + 11 \cdot 29^{12} + 17 \cdot 29^{13} + 4 \cdot 29^{14} + 3 \cdot 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 2) = 20 \cdot 29^{10} + 9 \cdot 29^{11} + 23 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
&\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 4) = 7 \cdot 29^{10} + 12 \cdot 29^{11} + 5 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 13 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 1) = 12 \cdot 29^{10} + 15 \cdot 29^{11} + 26 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 6 \cdot 29^{15} + 29^{16} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 2) = 3 \cdot 29^{10} + 18 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{14} + 22 \cdot 29^{15} + 26 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
&\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1, 1) = O(29^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 3) = 9 \cdot 29^{10} + 10 \cdot 29^{11} + 29^{12} + 17 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 7 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2, 1) = O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 2) = O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \end{aligned}$$

**10.12. weight 11 case.**

$$\begin{aligned} \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(11) = 15 \cdot 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(10, 1) = 26 \cdot 29^{11} + 24 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 15 \cdot 29^{15} + 16 \cdot 29^{16} + 20 \cdot 29^{17} + 3 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(9, 2) = 28 \cdot 29^{11} + 3 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(9, 1, 1) = 10 \cdot 29^{11} + 7 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{14} + 6 \cdot 29^{15} + 22 \cdot 29^{16} + 9 \cdot 29^{17} + 23 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(8, 3) = 2 \cdot 29^{11} + 6 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 3 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(8, 2, 1) = 15 \cdot 29^{11} + 2 \cdot 29^{12} + 22 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(8, 1, 2) = 29^{11} + 16 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 6 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(8, 1, 1, 1) = 8 \cdot 29^{11} + 19 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(7, 4) = 17 \cdot 29^{11} + 8 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 19 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(7, 3, 1) = 9 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 27 \cdot 29^{15} + 20 \cdot 29^{16} + 8 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(7, 2, 2) = 25 \cdot 29^{11} + 15 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 7 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(7, 2, 1, 1) = 13 \cdot 29^{11} + 2 \cdot 29^{12} + 20 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(7, 1, 3) = 10 \cdot 29^{11} + 6 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 18 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(7, 1, 2, 1) = 6 \cdot 29^{11} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 11 \cdot 29^{16} + 2 \cdot 29^{17} + 11 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(7, 1, 1, 2) = 12 \cdot 29^{11} + 12 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 27 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(7, 1, 1, 1, 1) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 26 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(6, 5) = 22 \cdot 29^{11} + 27 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 15 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(6, 4, 1) = 11 \cdot 29^{11} + 8 \cdot 29^{12} + 13 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(6, 3, 2) = 7 \cdot 29^{11} + 29^{12} + 17 \cdot 29^{13} + 11 \cdot 29^{14} + 7 \cdot 29^{15} + 4 \cdot 29^{16} + 8 \cdot 29^{17} + 16 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(6, 3, 1, 1) = 11 \cdot 29^{11} + 21 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(6, 2, 3) = 24 \cdot 29^{11} + 13 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 26 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(6, 2, 2, 1) = 3 \cdot 29^{11} + 6 \cdot 29^{12} + 17 \cdot 29^{13} + 24 \cdot 29^{14} + 17 \cdot 29^{15} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(6, 2, 1, 2) = 13 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 5 \cdot 29^{14} + 5 \cdot 29^{15} + 26 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(6, 2, 1, 1, 1) = 6 \cdot 29^{11} + 22 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(6, 1, 4) = 14 \cdot 29^{11} + 21 \cdot 29^{12} + 14 \cdot 29^{13} + 7 \cdot 29^{14} + 27 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(6, 1, 3, 1) = 8 \cdot 29^{11} + 8 \cdot 29^{12} + 22 \cdot 29^{13} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(6, 1, 2, 2) = 9 \cdot 29^{11} + 16 \cdot 29^{12} + 26 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 27 \cdot 29^{16} + 6 \cdot 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(6, 1, 2, 1, 1) = 11 \cdot 29^{11} + 22 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(6, 1, 1, 3) = 7 \cdot 29^{11} + 29^{12} + 5 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(6, 1, 1, 2, 1) = 7 \cdot 29^{11} + 20 \cdot 29^{12} + 27 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(6, 1, 1, 1, 2) = 8 \cdot 29^{11} + 11 \cdot 29^{12} + 4 \cdot 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 17 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(6, 1, 1, 1, 1) = 14 \cdot 29^{11} + 27 \cdot 29^{12} + 8 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 9 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(5, 6) = 21 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 19 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(5, 5, 1) = 13 \cdot 29^{11} + 25 \cdot 29^{12} + 10 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 9 \cdot 29^{16} + 29^{17} + 7 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(5, 4, 2) = 16 \cdot 29^{11} + 5 \cdot 29^{12} + 18 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(5, 4, 1, 1) = 2 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 20 \cdot 29^{14} + 22 \cdot 29^{15} + 14 \cdot 29^{16} + 19 \cdot 29^{17} + 3 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(5, 3, 3) = 6 \cdot 29^{11} + 27 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 22 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(5, 3, 2, 1) = 6 \cdot 29^{11} + 22 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 5 \cdot 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(5, 3, 1, 2) = 29^{11} + 28 \cdot 29^{12} + 12 \cdot 29^{13} + 28 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(5, 3, 1, 1, 1) = 19 \cdot 29^{11} + 28 \cdot 29^{12} + 7 \cdot 29^{13} + 23 \cdot 29^{14} + 19 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(5, 2, 4) = 21 \cdot 29^{11} + 18 \cdot 29^{12} + 17 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{15} + 25 \cdot 29^{16} + 28 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(5, 2, 3, 1) = 20 \cdot 29^{11} + 23 \cdot 29^{12} + 29^{13} + 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 17 \cdot 29^{17} + 25 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(5, 2, 2, 2) = 7 \cdot 29^{11} + 21 \cdot 29^{12} + 10 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 5 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(5, 2, 2, 1, 1) = 5 \cdot 29^{11} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 4 \cdot 29^{15} + 25 \cdot 29^{16} + 3 \cdot 29^{17} + 25 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(5, 2, 1, 3) = 19 \cdot 29^{11} + 20 \cdot 29^{12} + 2 \cdot 29^{13} + 28 \cdot 29^{14} + 29^{16} + 17 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(5, 2, 1, 2, 1) = 11 \cdot 29^{11} + 13 \cdot 29^{12} + 24 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 28 \cdot 29^{16} + 12 \cdot 29^{17} + 5 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(5, 2, 1, 1, 2) = 9 \cdot 29^{11} + 20 \cdot 29^{12} + 8 \cdot 29^{13} + 2 \cdot 29^{14} + 14 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 9 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(5, 2, 1, 1, 1, 1) = 14 \cdot 29^{11} + 6 \cdot 29^{12} + 3 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(5, 1, 5) = 13 \cdot 29^{11} + 3 \cdot 29^{12} + 7 \cdot 29^{13} + 27 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(5, 1, 4, 1) = 9 \cdot 29^{11} + 15 \cdot 29^{12} + 22 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(5, 1, 3, 2) = 2 \cdot 29^{11} + 23 \cdot 29^{12} + 21 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(5, 1, 3, 1, 1) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 7 \cdot 29^{15} + 21 \cdot 29^{16} + 3 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(5, 1, 2, 3) = 8 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 7 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 7 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(5, 1, 2, 2, 1) = 20 \cdot 29^{11} + 17 \cdot 29^{12} + 2 \cdot 29^{13} + 6 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(5, 1, 2, 1, 2) = 26 \cdot 29^{11} + 28 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(5, 1, 2, 1, 1, 1) = 6 \cdot 29^{11} + 6 \cdot 29^{12} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 3 \cdot 29^{15} + 4 \cdot 29^{16} + 3 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(5, 1, 1, 4) = 3 \cdot 29^{11} + 12 \cdot 29^{12} + 20 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 10 \cdot 29^{17} + 7 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(5, 1, 1, 3, 1) = 28 \cdot 29^{11} + 4 \cdot 29^{12} + 5 \cdot 29^{13} + 4 \cdot 29^{14} + 14 \cdot 29^{15} + 6 \cdot 29^{16} + 12 \cdot 29^{17} + 22 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(5, 1, 1, 2, 2) = 25 \cdot 29^{11} + 15 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 15 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(5, 1, 1, 2, 1, 1) = 11 \cdot 29^{11} + 26 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 9 \cdot 29^{15} + 12 \cdot 29^{16} + 12 \cdot 29^{17} + 7 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(5, 1, 1, 1, 3) = 10 \cdot 29^{11} + 14 \cdot 29^{12} + 17 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 19 \cdot 29^{16} + 23 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(5, 1, 1, 1, 2, 1) = 25 \cdot 29^{11} + 23 \cdot 29^{12} + 6 \cdot 29^{13} + 2 \cdot 29^{14} + 19 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 25 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(5, 1, 1, 1, 2) = 8 \cdot 29^{11} + 11 \cdot 29^{12} + 4 \cdot 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 17 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(5, 1, 1, 1, 1, 1) = 26 \cdot 29^{11} + 18 \cdot 29^{12} + 6 \cdot 29^{13} + 7 \cdot 29^{14} + 22 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(4, 7) = 26 \cdot 29^{11} + 14 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 13 \cdot 29^{15} + 9 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(4, 6, 1) = 14 \cdot 29^{11} + 4 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 5, 2) = 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 18 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 5, 1, 1) = 8 \cdot 29^{11} + 3 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 4, 3) = 19 \cdot 29^{11} + 16 \cdot 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 4, 2, 1) = 18 \cdot 29^{11} + 7 \cdot 29^{12} + 12 \cdot 29^{13} + 26 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 22 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 4, 1, 2) = 5 \cdot 29^{11} + 3 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{17} + 11 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 4, 1, 1, 1) = 23 \cdot 29^{11} + 22 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 26 \cdot 29^{15} + 23 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 3, 4) = 21 \cdot 29^{11} + 3 \cdot 29^{12} + 17 \cdot 29^{13} + 9 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 3, 3, 1) = 25 \cdot 29^{11} + 10 \cdot 29^{12} + 13 \cdot 29^{13} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 8 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 3, 2, 2) = 10 \cdot 29^{11} + 11 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 3, 2, 1, 1) = 15 \cdot 29^{11} + 5 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 5 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 3, 1, 3) = 15 \cdot 29^{11} + 14 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 3, 1, 2, 1) = 16 \cdot 29^{11} + 7 \cdot 29^{12} + 16 \cdot 29^{13} + 22 \cdot 29^{14} + 14 \cdot 29^{15} + 17 \cdot 29^{16} + 6 \cdot 29^{17} + 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 3, 1, 1, 2) = 21 \cdot 29^{11} + 21 \cdot 29^{12} + 22 \cdot 29^{13} + 28 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 3, 1, 1, 1, 1) = 15 \cdot 29^{11} + 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 2, 5) = 18 \cdot 29^{11} + 23 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 7 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 2, 4, 1) = 17 \cdot 29^{11} + 24 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 22 \cdot 29^{15} + 16 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 2, 3, 2) = 3 \cdot 29^{11} + 11 \cdot 29^{12} + 24 \cdot 29^{13} + 23 \cdot 29^{14} + 29^{15} + 9 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 2, 3, 1, 1) = 25 \cdot 29^{11} + 29^{12} + 11 \cdot 29^{13} + 20 \cdot 29^{14} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 2, 2, 3) = 25 \cdot 29^{11} + 19 \cdot 29^{12} + 6 \cdot 29^{13} + 26 \cdot 29^{14} + 8 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 2, 2, 2, 1) = 9 \cdot 29^{11} + 18 \cdot 29^{12} + 13 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 27 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 2, 2, 1, 2) = 18 \cdot 29^{11} + 12 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 17 \cdot 29^{15} + 8 \cdot 29^{16} + 12 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 2, 2, 1, 1, 1) = 26 \cdot 29^{11} + 17 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 8 \cdot 29^{15} + 24 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 2, 1, 4) = 16 \cdot 29^{11} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 2, 1, 3, 1) = 16 \cdot 29^{11} + 19 \cdot 29^{12} + 13 \cdot 29^{13} + 25 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 26 \cdot 29^{17} + 11 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 2, 1, 2, 2) = 25 \cdot 29^{11} + 15 \cdot 29^{12} + 13 \cdot 29^{13} + 28 \cdot 29^{14} + 14 \cdot 29^{15} + 21 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 2, 1, 2, 1, 1) = 12 \cdot 29^{11} + 17 \cdot 29^{12} + 14 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 2, 1, 1, 3) = 24 \cdot 29^{11} + 13 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 25 \cdot 29^{15} + 27 \cdot 29^{16} + 26 \cdot 29^{17} + 19 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 2, 1, 1, 2, 1) = 5 \cdot 29^{11} + 22 \cdot 29^{12} + 2 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 21 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 2, 1, 1, 1, 2) = 9 \cdot 29^{11} + 20 \cdot 29^{12} + 8 \cdot 29^{13} + 2 \cdot 29^{14} + 14 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 9 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 2, 1, 1, 1, 1, 1) = 18 \cdot 29^{11} + 21 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 18 \cdot 29^{15} + 15 \cdot 29^{16} + 5 \cdot 29^{17} + 11 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 6) = 10 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 20 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 5, 1) = 27 \cdot 29^{11} + 29^{12} + 10 \cdot 29^{13} + 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 4, 2) = 5 \cdot 29^{11} + 17 \cdot 29^{12} + 2 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 22 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 4, 1, 1) = 7 \cdot 29^{11} + 8 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 25 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 3, 3) = 17 \cdot 29^{11} + 4 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 3, 2, 1) = 6 \cdot 29^{11} + 10 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 3, 1, 2) = 7 \cdot 29^{11} + 24 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 3, 1, 1, 1) = 2 \cdot 29^{11} + 17 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 9 \cdot 29^{16} + 15 \cdot 29^{17} + 14 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 2, 4) = 2 \cdot 29^{11} + 8 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 2 \cdot 29^{17} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 2, 3, 1) = 19 \cdot 29^{11} + 15 \cdot 29^{12} + 9 \cdot 29^{13} + 18 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 19 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 2, 2, 2) = 17 \cdot 29^{11} + 7 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 2, 2, 1, 1) = 8 \cdot 29^{11} + 21 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 2, 1, 3) = 14 \cdot 29^{11} + 4 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 28 \cdot 29^{15} + 8 \cdot 29^{16} + 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 2, 1, 2, 1) = 16 \cdot 29^{11} + 27 \cdot 29^{12} + 24 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 2, 1, 1, 2) = 21 \cdot 29^{11} + 21 \cdot 29^{12} + 22 \cdot 29^{13} + 28 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 2, 1, 1, 1, 1) = 19 \cdot 29^{11} + 8 \cdot 29^{12} + 2 \cdot 29^{13} + 5 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 5) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 9 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 3 \cdot 29^{16} + 17 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 4, 1) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 3, 2) = 6 \cdot 29^{11} + 23 \cdot 29^{12} + 20 \cdot 29^{13} + 3 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 14 \cdot 29^{17} + 20 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 3, 1, 1) = 9 \cdot 29^{11} + 22 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 2, 3) = 27 \cdot 29^{11} + 4 \cdot 29^{13} + 15 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 2, 2, 1) = 13 \cdot 29^{11} + 9 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 3 \cdot 29^{15} + 13 \cdot 29^{16} + 14 \cdot 29^{17} + 12 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 2, 1, 2) = 4 \cdot 29^{11} + 9 \cdot 29^{12} + 25 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 4 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 2, 1, 1, 1) = 9 \cdot 29^{11} + 3 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 14 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 4) = 18 \cdot 29^{11} + 20 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 3, 1) = 22 \cdot 29^{12} + 12 \cdot 29^{13} + 5 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 2, 2) = 13 \cdot 29^{11} + 17 \cdot 29^{12} + 6 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 10 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 2, 1, 1) = 27 \cdot 29^{11} + 14 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 4 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 3) = 15 \cdot 29^{11} + 5 \cdot 29^{12} + 18 \cdot 29^{13} + 27 \cdot 29^{14} + 16 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 2, 1) = 8 \cdot 29^{11} + 25 \cdot 29^{12} + 28 \cdot 29^{13} + 20 \cdot 29^{14} + 16 \cdot 29^{15} + 21 \cdot 29^{16} + 8 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 2) = 12 \cdot 29^{11} + 12 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 27 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 1, 1) = 18 \cdot 29^{11} + 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 8) = 12 \cdot 29^{11} + 17 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 7, 1) = 3 \cdot 29^{11} + 14 \cdot 29^{12} + 13 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 19 \cdot 29^{16} + 21 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 6, 2) = 5 \cdot 29^{11} + 10 \cdot 29^{12} + 10 \cdot 29^{13} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 6, 1, 1) = 6 \cdot 29^{11} + 4 \cdot 29^{13} + 6 \cdot 29^{14} + 13 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 5, 3) = 19 \cdot 29^{11} + 13 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 5, 2, 1) = 3 \cdot 29^{11} + 9 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 5, 1, 2) = 8 \cdot 29^{11} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 5, 1, 1, 1) = 5 \cdot 29^{11} + 11 \cdot 29^{12} + 11 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 4, 4) = 4 \cdot 29^{11} + 14 \cdot 29^{12} + 11 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 4, 3, 1) = 27 \cdot 29^{11} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 18 \cdot 29^{17} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 4, 2, 2) = 7 \cdot 29^{11} + 23 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 4, 2, 1, 1) = 15 \cdot 29^{11} + 11 \cdot 29^{12} + 2 \cdot 29^{13} + 18 \cdot 29^{14} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 4, 1, 3) = 10 \cdot 29^{11} + 7 \cdot 29^{12} + 18 \cdot 29^{13} + 20 \cdot 29^{14} + 8 \cdot 29^{15} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 4, 1, 2, 1) = 15 \cdot 29^{11} + 24 \cdot 29^{12} + 11 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 26 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 4, 1, 1, 2) = 4 \cdot 29^{11} + 9 \cdot 29^{12} + 25 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 4 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 4, 1, 1, 1, 1) = 4 \cdot 29^{11} + 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 7 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 3, 5) = 18 \cdot 29^{11} + 10 \cdot 29^{12} + 3 \cdot 29^{13} + 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 3, 4, 1) = 9 \cdot 29^{11} + 26 \cdot 29^{12} + 11 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 12 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 3, 3, 2) = 19 \cdot 29^{11} + 14 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 26 \cdot 29^{15} + 26 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 3, 3, 1, 1) = 21 \cdot 29^{11} + 15 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 25 \cdot 29^{15} + 18 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 3, 2, 3) = 29^{11} + 4 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 3, 2, 2, 1) = 7 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 20 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 10 \cdot 29^{17} + 20 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 3, 2, 1, 2) = 2 \cdot 29^{11} + 9 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 3, 2, 1, 1, 1) = 3 \cdot 29^{11} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 13 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 3, 1, 4) = 5 \cdot 29^{11} + 15 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 23 \cdot 29^{15} + 23 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 3, 1, 3, 1) = 5 \cdot 29^{11} + 20 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 3, 1, 2, 2) = 2 \cdot 29^{12} + 17 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 14 \cdot 29^{17} + 14 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 3, 1, 2, 1, 1) = 6 \cdot 29^{11} + 14 \cdot 29^{12} + 23 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 3, 1, 1, 3) = 26 \cdot 29^{11} + 6 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 26 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 3, 1, 1, 2, 1) = 22 \cdot 29^{11} + 9 \cdot 29^{12} + 21 \cdot 29^{13} + 10 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 3, 1, 1, 1, 2) = 26 \cdot 29^{11} + 28 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 3, 1, 1, 1, 1, 1) = 12 \cdot 29^{11} + 28 \cdot 29^{12} + 27 \cdot 29^{13} + 27 \cdot 29^{14} + 12 \cdot 29^{15} + 15 \cdot 29^{16} + 20 \cdot 29^{17} + 26 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 6) = 6 \cdot 29^{11} + 25 \cdot 29^{12} + 15 \cdot 29^{13} + 20 \cdot 29^{14} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 20 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 5, 1) = 15 \cdot 29^{11} + 4 \cdot 29^{12} + 5 \cdot 29^{13} + 6 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{17} + 25 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 4, 2) = 19 \cdot 29^{11} + 12 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 4, 1, 1) = 16 \cdot 29^{11} + 18 \cdot 29^{12} + 4 \cdot 29^{13} + 28 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 20 \cdot 29^{17} + 20 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 3, 3) = 12 \cdot 29^{11} + 23 \cdot 29^{12} + 13 \cdot 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 3, 2, 1) = 13 \cdot 29^{11} + 15 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 3, 1, 2) = 18 \cdot 29^{11} + 12 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 3, 1, 1, 1) = 13 \cdot 29^{11} + 11 \cdot 29^{12} + 14 \cdot 29^{13} + 8 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 9 \cdot 29^{17} + 28 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 2, 4) = 15 \cdot 29^{11} + 17 \cdot 29^{12} + 20 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 15 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 2, 3, 1) = 14 \cdot 29^{11} + 25 \cdot 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 2, 2, 2) = 9 \cdot 29^{11} + 23 \cdot 29^{12} + 7 \cdot 29^{13} + 26 \cdot 29^{14} + 26 \cdot 29^{15} + 15 \cdot 29^{16} + 7 \cdot 29^{17} + 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 2, 2, 1, 1) = 20 \cdot 29^{11} + 5 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 2, 1, 3) = 28 \cdot 29^{11} + 6 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 2 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 2 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 2, 1, 2, 1) = 15 \cdot 29^{11} + 26 \cdot 29^{12} + 27 \cdot 29^{13} + 28 \cdot 29^{14} + 18 \cdot 29^{15} + 15 \cdot 29^{16} + 17 \cdot 29^{17} + 15 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 2, 1, 1, 2) = 18 \cdot 29^{11} + 12 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 17 \cdot 29^{15} + 8 \cdot 29^{16} + 12 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 2, 1, 1, 1, 1) = 25 \cdot 29^{11} + 6 \cdot 29^{12} + 14 \cdot 29^{13} + 8 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 5) = 8 \cdot 29^{11} + 23 \cdot 29^{12} + 23 \cdot 29^{13} + 26 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 4, 1) = 29^{11} + 5 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 19 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 3, 2) = 9 \cdot 29^{11} + 4 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 24 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 3, 1, 1) = 14 \cdot 29^{11} + 19 \cdot 29^{12} + 23 \cdot 29^{13} + 27 \cdot 29^{14} + 3 \cdot 29^{15} + 21 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 2, 3) = 10 \cdot 29^{11} + 13 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 29^{17} + 5 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 2, 2, 1) = 20 \cdot 29^{11} + 2 \cdot 29^{12} + 2 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 26 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 2, 1, 2) = 2 \cdot 29^{11} + 9 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 2, 1, 1, 1) = 19 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 10 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 4) = 27 \cdot 29^{11} + 15 \cdot 29^{12} + 14 \cdot 29^{13} + 2 \cdot 29^{14} + 17 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 3, 1) = 13 \cdot 29^{11} + 12 \cdot 29^{12} + 19 \cdot 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 20 \cdot 29^{16} + 19 \cdot 29^{17} + 28 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 2, 2) = 22 \cdot 29^{11} + 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 7 \cdot 29^{15} + 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 2, 1, 1) = 21 \cdot 29^{11} + 3 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 13 \cdot 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 3) = 21 \cdot 29^{11} + 23 \cdot 29^{12} + 9 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 2, 1) = 4 \cdot 29^{11} + 10 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 12 \cdot 29^{16} + 9 \cdot 29^{17} + 27 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 2) = 13 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 5 \cdot 29^{14} + 5 \cdot 29^{15} + 26 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 29^{11} + 3 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 7) = 17 \cdot 29^{11} + 21 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 6, 1) = 12 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 26 \cdot 29^{15} + 17 \cdot 29^{16} + 28 \cdot 29^{17} + 22 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 5, 2) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 19 \cdot 29^{13} + 2 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 5, 1, 1) = 26 \cdot 29^{11} + 16 \cdot 29^{12} + 13 \cdot 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 4, 3) = 16 \cdot 29^{11} + 25 \cdot 29^{12} + 7 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 4, 2, 1) = 25 \cdot 29^{11} + 2 \cdot 29^{12} + 20 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 4, 1, 2) = 5 \cdot 29^{11} + 6 \cdot 29^{12} + 4 \cdot 29^{13} + 3 \cdot 29^{14} + 14 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 4, 1, 1, 1) = 5 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 3, 4) = 12 \cdot 29^{12} + 11 \cdot 29^{13} + 2 \cdot 29^{14} + 11 \cdot 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 5 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 3, 3, 1) = 2 \cdot 29^{11} + 27 \cdot 29^{12} + 26 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 3, 2, 2) = 9 \cdot 29^{11} + 3 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 3, 2, 1, 1) = 27 \cdot 29^{11} + 19 \cdot 29^{13} + 19 \cdot 29^{14} + 22 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 3, 1, 3) = 10 \cdot 29^{11} + 13 \cdot 29^{13} + 21 \cdot 29^{14} + 14 \cdot 29^{16} + 28 \cdot 29^{17} + 2 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 3, 1, 2, 1) = 4 \cdot 29^{11} + 8 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 3, 1, 1, 2) = 7 \cdot 29^{11} + 24 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 3, 1, 1, 1, 1) = 13 \cdot 29^{11} + 16 \cdot 29^{12} + 23 \cdot 29^{13} + 24 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 5) = 7 \cdot 29^{11} + 17 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{17} + 23 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 4, 1) = 20 \cdot 29^{11} + 16 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 4 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 3, 2) = 11 \cdot 29^{11} + 10 \cdot 29^{12} + 8 \cdot 29^{13} + 19 \cdot 29^{14} + 23 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 3, 1, 1) = 11 \cdot 29^{11} + 22 \cdot 29^{12} + 13 \cdot 29^{13} + 5 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 25 \cdot 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 2, 3) = 28 \cdot 29^{11} + 25 \cdot 29^{12} + 24 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 2, 2, 1) = 10 \cdot 29^{11} + 26 \cdot 29^{13} + 5 \cdot 29^{14} + 27 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 2, 1, 2) = 18 \cdot 29^{11} + 12 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 2, 1, 1, 1) = 23 \cdot 29^{11} + 13 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 4 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 4) = 24 \cdot 29^{11} + 18 \cdot 29^{12} + 23 \cdot 29^{13} + 10 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 14 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 3, 1) = 12 \cdot 29^{11} + 29^{12} + 28 \cdot 29^{13} + 17 \cdot 29^{14} + 5 \cdot 29^{15} + 4 \cdot 29^{16} + 3 \cdot 29^{17} + 28 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 2, 2) = 5 \cdot 29^{11} + 3 \cdot 29^{12} + 11 \cdot 29^{13} + 2 \cdot 29^{14} + 25 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 2, 1, 1) = 17 \cdot 29^{11} + 11 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 2 \cdot 29^{15} + 4 \cdot 29^{16} + 14 \cdot 29^{17} + 23 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 3) = 20 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 17 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 2, 1) = 28 \cdot 29^{11} + 10 \cdot 29^{12} + 25 \cdot 29^{13} + 12 \cdot 29^{14} + 13 \cdot 29^{15} + 19 \cdot 29^{16} + 15 \cdot 29^{17} + 24 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 2) = 29^{11} + 28 \cdot 29^{12} + 12 \cdot 29^{13} + 28 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 1, 1) = 25 \cdot 29^{11} + 24 \cdot 29^{12} + 24 \cdot 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 13 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 6) = 11 \cdot 29^{11} + 10 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 5, 1) = 10 \cdot 29^{11} + 3 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 16 \cdot 29^{16} + 24 \cdot 29^{17} + 22 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 4, 2) = 17 \cdot 29^{11} + 21 \cdot 29^{12} + 10 \cdot 29^{13} + 4 \cdot 29^{14} + 27 \cdot 29^{15} + 9 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 4, 1, 1) = 3 \cdot 29^{11} + 4 \cdot 29^{12} + 18 \cdot 29^{13} + 20 \cdot 29^{14} + 10 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{17} + 3 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 3, 3) = 26 \cdot 29^{11} + 6 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 26 \cdot 29^{17} + 17 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 3, 2, 1) = 4 \cdot 29^{11} + 11 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 28 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 3, 1, 2) = 5 \cdot 29^{11} + 6 \cdot 29^{12} + 4 \cdot 29^{13} + 3 \cdot 29^{14} + 14 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 3, 1, 1, 1) = 14 \cdot 29^{11} + 24 \cdot 29^{12} + 2 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 4) = 21 \cdot 29^{11} + 6 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 10 \cdot 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 3, 1) = 27 \cdot 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{16} + 24 \cdot 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 2, 2) = 29^{11} + 22 \cdot 29^{12} + 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 2, 1, 1) = 5 \cdot 29^{11} + 28 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 3) = 4 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{14} + 26 \cdot 29^{16} + 21 \cdot 29^{17} + 27 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 2, 1) = 13 \cdot 29^{11} + 9 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 2) = 5 \cdot 29^{11} + 3 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{17} + 11 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 1, 1) = 4 \cdot 29^{11} + 29^{12} + 15 \cdot 29^{13} + 29^{14} + 10 \cdot 29^{15} + 27 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 5) = 4 \cdot 29^{11} + 9 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 7 \cdot 29^{16} + 26 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 4, 1) = 9 \cdot 29^{11} + 19 \cdot 29^{12} + 4 \cdot 29^{13} + 2 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 14 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 3, 2) = 18 \cdot 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 20 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 3, 1, 1) = 13 \cdot 29^{11} + 12 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 3) = 16 \cdot 29^{11} + 24 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 17 \cdot 29^{15} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 2, 1) = 13 \cdot 29^{11} + 3 \cdot 29^{12} + 4 \cdot 29^{13} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 10 \cdot 29^{16} + 5 \cdot 29^{17} + 14 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 2) = 8 \cdot 29^{11} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 1, 1) = 25 \cdot 29^{11} + 8 \cdot 29^{12} + 28 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 10 \cdot 29^{16} + 29^{17} + 27 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 4) = 6 \cdot 29^{11} + 12 \cdot 29^{12} + 17 \cdot 29^{13} + 20 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 22 \cdot 29^{17} + 19 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 3, 1) = 3 \cdot 29^{11} + 4 \cdot 29^{12} + 25 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 4 \cdot 29^{17} + 9 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 2, 2) = 5 \cdot 29^{11} + 18 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 2, 1, 1) = 11 \cdot 29^{11} + 21 \cdot 29^{12} + 8 \cdot 29^{13} + 15 \cdot 29^{14} + 12 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 7 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 3) = 21 \cdot 29^{11} + 7 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 17 \cdot 29^{16} + 17 \cdot 29^{17} + 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 29^{11} + 4 \cdot 29^{12} + 8 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 1, 2) = 29^{11} + 16 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 6 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 29^{11} + 22 \cdot 29^{12} + 27 \cdot 29^{13} + 23 \cdot 29^{14} + 29^{15} + 13 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 9) = 15 \cdot 29^{11} + 19 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 9 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 8, 1) = 14 \cdot 29^{11} + 8 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 17 \cdot 29^{17} + 13 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 7, 2) = 21 \cdot 29^{11} + 13 \cdot 29^{12} + 20 \cdot 29^{13} + 2 \cdot 29^{14} + 16 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 7, 1, 1) = 7 \cdot 29^{11} + 4 \cdot 29^{12} + 25 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 6, 3) = 3 \cdot 29^{11} + 9 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 6, 2, 1) = 18 \cdot 29^{11} + 23 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 21 \cdot 29^{17} + 23 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 6, 1, 2) = 5 \cdot 29^{11} + 18 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 6, 1, 1, 1) = 21 \cdot 29^{11} + 18 \cdot 29^{12} + 20 \cdot 29^{13} + 27 \cdot 29^{14} + 13 \cdot 29^{15} + 27 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 5, 4) = 12 \cdot 29^{11} + 2 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 5, 3, 1) = 12 \cdot 29^{11} + 9 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 5, 2, 2) = 4 \cdot 29^{11} + 12 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 5 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 5, 2, 1, 1) = 3 \cdot 29^{11} + 15 \cdot 29^{12} + 16 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 16 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 5, 1, 3) = 19 \cdot 29^{12} + 25 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 27 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 5, 1, 2, 1) = 10 \cdot 29^{11} + 26 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 19 \cdot 29^{15} + 3 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 5, 1, 1, 2) = 13 \cdot 29^{11} + 17 \cdot 29^{12} + 6 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 20 \cdot 29^{16} + 14 \cdot 29^{17} + 10 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 5, 1, 1, 1, 1) = 3 \cdot 29^{11} + 22 \cdot 29^{12} + 20 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 16 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 4, 5) = 20 \cdot 29^{11} + 15 \cdot 29^{12} + 21 \cdot 29^{13} + 2 \cdot 29^{14} + 21 \cdot 29^{15} + 13 \cdot 29^{16} + 17 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 4, 4, 1) = 3 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 4, 3, 2) = 6 \cdot 29^{11} + 14 \cdot 29^{12} + 15 \cdot 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 4 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 4, 3, 1, 1) = 9 \cdot 29^{11} + 14 \cdot 29^{12} + 16 \cdot 29^{13} + 2 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 16 \cdot 29^{17} + 16 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 4, 2, 3) = 2 \cdot 29^{11} + 11 \cdot 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 3 \cdot 29^{15} + 21 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 4, 2, 2, 1) = 8 \cdot 29^{11} + 19 \cdot 29^{12} + 18 \cdot 29^{13} + 3 \cdot 29^{14} + 18 \cdot 29^{15} + 12 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 4, 2, 1, 2) = 22 \cdot 29^{11} + 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 7 \cdot 29^{15} + 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 4, 2, 1, 1, 1) = 2 \cdot 29^{11} + 27 \cdot 29^{12} + 4 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 16 \cdot 29^{17} + 15 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 4, 1, 4) = 19 \cdot 29^{11} + 14 \cdot 29^{12} + 13 \cdot 29^{13} + 23 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 4, 1, 3, 1) = 20 \cdot 29^{11} + 20 \cdot 29^{12} + 6 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 21 \cdot 29^{17} + 4 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 4, 1, 2, 2) = 14 \cdot 29^{11} + 24 \cdot 29^{12} + 7 \cdot 29^{13} + 22 \cdot 29^{14} + 27 \cdot 29^{15} + 5 \cdot 29^{16} + 18 \cdot 29^{17} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 4, 1, 2, 1, 1) = 14 \cdot 29^{11} + 8 \cdot 29^{12} + 23 \cdot 29^{13} + 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 4, 1, 1, 3) = 18 \cdot 29^{11} + 10 \cdot 29^{12} + 21 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 16 \cdot 29^{16} + 24 \cdot 29^{17} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 4, 1, 1, 2, 1) = 24 \cdot 29^{11} + 9 \cdot 29^{12} + 26 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 13 \cdot 29^{17} + 8 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 4, 1, 1, 1, 2) = 25 \cdot 29^{11} + 15 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 15 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 4, 1, 1, 1, 1, 1) = 26 \cdot 29^{11} + 20 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 6) = 14 \cdot 29^{11} + 9 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 5, 1) = 26 \cdot 29^{11} + 28 \cdot 29^{12} + 8 \cdot 29^{13} + 21 \cdot 29^{14} + 14 \cdot 29^{15} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 4, 2) = 27 \cdot 29^{12} + 22 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 4, 1, 1) = 21 \cdot 29^{11} + 23 \cdot 29^{12} + 23 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 10 \cdot 29^{17} + 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 3, 3) = 12 \cdot 29^{11} + 22 \cdot 29^{12} + 7 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 26 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 3, 2, 1) = 10 \cdot 29^{11} + 23 \cdot 29^{12} + 25 \cdot 29^{13} + 20 \cdot 29^{14} + 15 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 3, 1, 2) = 5 \cdot 29^{11} + 3 \cdot 29^{12} + 11 \cdot 29^{13} + 2 \cdot 29^{14} + 25 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 3, 1, 1, 1) = 28 \cdot 29^{11} + 26 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 14 \cdot 29^{15} + 18 \cdot 29^{16} + 19 \cdot 29^{17} + 21 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 2, 4) = 7 \cdot 29^{11} + 10 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 2, 3, 1) = 12 \cdot 29^{11} + 13 \cdot 29^{12} + 19 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 2, 2, 2) = 3 \cdot 29^{11} + 6 \cdot 29^{12} + 10 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 2, 2, 1, 1) = 3 \cdot 29^{11} + 26 \cdot 29^{12} + 17 \cdot 29^{13} + 7 \cdot 29^{14} + 24 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 2, 1, 3) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 2, 1, 2, 1) = 23 \cdot 29^{11} + 5 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 11 \cdot 29^{15} + 7 \cdot 29^{16} + 27 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 2, 1, 1, 2) = 25 \cdot 29^{11} + 15 \cdot 29^{12} + 13 \cdot 29^{13} + 28 \cdot 29^{14} + 14 \cdot 29^{15} + 21 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 2, 1, 1, 1, 1) = 7 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 5) = 7 \cdot 29^{11} + 12 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 4, 1) = 2 \cdot 29^{11} + 6 \cdot 29^{12} + 18 \cdot 29^{13} + 21 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 27 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 3, 2) = 11 \cdot 29^{11} + 17 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 22 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 3, 1, 1) = 2 \cdot 29^{11} + 29^{13} + 4 \cdot 29^{14} + 20 \cdot 29^{15} + 4 \cdot 29^{16} + 5 \cdot 29^{17} + 11 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 2, 3) = 7 \cdot 29^{11} + 6 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 2, 2, 1) = 6 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 2, 1, 2) = 2 \cdot 29^{12} + 17 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 14 \cdot 29^{17} + 14 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 2, 1, 1, 1) = 25 \cdot 29^{11} + 28 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 25 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 4) = 8 \cdot 29^{11} + 3 \cdot 29^{12} + 7 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 9 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 3, 1) = 13 \cdot 29^{11} + 27 \cdot 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 26 \cdot 29^{15} + 5 \cdot 29^{16} + 7 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 2, 2) = 14 \cdot 29^{11} + 24 \cdot 29^{12} + 7 \cdot 29^{13} + 22 \cdot 29^{14} + 27 \cdot 29^{15} + 5 \cdot 29^{16} + 18 \cdot 29^{17} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 2, 1, 1) = 5 \cdot 29^{11} + 5 \cdot 29^{12} + 28 \cdot 29^{13} + 13 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 3) = 23 \cdot 29^{11} + 18 \cdot 29^{12} + 18 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 16 \cdot 29^{16} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 2, 1) = 15 \cdot 29^{11} + 21 \cdot 29^{12} + 19 \cdot 29^{13} + 25 \cdot 29^{14} + 24 \cdot 29^{15} + 24 \cdot 29^{16} + 17 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 2) = 9 \cdot 29^{11} + 16 \cdot 29^{12} + 26 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 27 \cdot 29^{16} + 6 \cdot 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 1, 1) = 27 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 7) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 6 \cdot 29^{13} + 25 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 2 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 6, 1) = 2 \cdot 29^{11} + 26 \cdot 29^{12} + 11 \cdot 29^{13} + 29^{14} + 22 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 20 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 5, 2) = 8 \cdot 29^{11} + 7 \cdot 29^{12} + 18 \cdot 29^{13} + 11 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{17} + 23 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 5, 1, 1) = 17 \cdot 29^{11} + 10 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 4, 3) = 4 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 21 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 4, 2, 1) = 4 \cdot 29^{11} + 20 \cdot 29^{12} + 28 \cdot 29^{13} + 3 \cdot 29^{14} + 15 \cdot 29^{15} + 5 \cdot 29^{16} + 28 \cdot 29^{17} + 9 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 4, 1, 2) = 29^{11} + 22 \cdot 29^{12} + 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 4, 1, 1, 1) = 9 \cdot 29^{11} + 27 \cdot 29^{12} + 21 \cdot 29^{13} + 22 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 3, 4) = 2 \cdot 29^{11} + 18 \cdot 29^{12} + 14 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 3, 3, 1) = 7 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 3, 2, 2) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 3 \cdot 29^{13} + 6 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 2 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 3, 2, 1, 1) = 24 \cdot 29^{11} + 29^{12} + 15 \cdot 29^{13} + 26 \cdot 29^{14} + 20 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 3, 1, 3) = 7 \cdot 29^{11} + 14 \cdot 29^{12} + 18 \cdot 29^{13} + 2 \cdot 29^{14} + 26 \cdot 29^{15} + 10 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 3, 1, 2, 1) = 18 \cdot 29^{11} + 19 \cdot 29^{12} + 10 \cdot 29^{13} + 3 \cdot 29^{14} + 26 \cdot 29^{15} + 23 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 3, 1, 1, 2) = 17 \cdot 29^{11} + 7 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 3, 1, 1, 1, 1) = 4 \cdot 29^{12} + 23 \cdot 29^{13} + 20 \cdot 29^{14} + 4 \cdot 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 21 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 5) = 24 \cdot 29^{11} + 11 \cdot 29^{12} + 12 \cdot 29^{13} + 3 \cdot 29^{14} + 24 \cdot 29^{15} + 2 \cdot 29^{16} + 15 \cdot 29^{17} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 4, 1) = 9 \cdot 29^{11} + 16 \cdot 29^{12} + 11 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 3, 2) = 23 \cdot 29^{11} + 28 \cdot 29^{12} + 11 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 12 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 3, 1, 1) = 7 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 2 \cdot 29^{14} + 27 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 2, 3) = 24 \cdot 29^{11} + 15 \cdot 29^{12} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 2, 2, 1) = 28 \cdot 29^{11} + 17 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 2, 1, 2) = 9 \cdot 29^{11} + 23 \cdot 29^{12} + 7 \cdot 29^{13} + 26 \cdot 29^{14} + 26 \cdot 29^{15} + 15 \cdot 29^{16} + 7 \cdot 29^{17} + 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 2, 1, 1, 1) = 7 \cdot 29^{11} + 11 \cdot 29^{12} + 22 \cdot 29^{13} + 2 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 4) = 10 \cdot 29^{11} + 3 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 3, 1) = 24 \cdot 29^{11} + 23 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 15 \cdot 29^{15} + 25 \cdot 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 2, 2) = 3 \cdot 29^{11} + 6 \cdot 29^{12} + 10 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 2, 1, 1) = 28 \cdot 29^{11} + 13 \cdot 29^{12} + 16 \cdot 29^{13} + 12 \cdot 29^{14} + 8 \cdot 29^{16} + 19 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 3) = 2 \cdot 29^{11} + 27 \cdot 29^{12} + 15 \cdot 29^{13} + 28 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 22 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 2, 1) = 12 \cdot 29^{11} + 4 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 2) = 7 \cdot 29^{11} + 21 \cdot 29^{12} + 10 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 5 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 1, 1) = 3 \cdot 29^{11} + 19 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 19 \cdot 29^{15} + 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 6) = 8 \cdot 29^{11} + 15 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{17} + 23 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 5, 1) = 17 \cdot 29^{11} + 24 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 26 \cdot 29^{17} + 12 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 4, 2) = 20 \cdot 29^{11} + 2 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 5 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 4, 1, 1) = 28 \cdot 29^{11} + 10 \cdot 29^{12} + 21 \cdot 29^{13} + 17 \cdot 29^{14} + 27 \cdot 29^{15} + 22 \cdot 29^{16} + 25 \cdot 29^{17} + 17 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 3, 3) = 23 \cdot 29^{11} + 19 \cdot 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{15} + 23 \cdot 29^{16} + 14 \cdot 29^{17} + 9 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 3, 2, 1) = 13 \cdot 29^{11} + 3 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 17 \cdot 29^{15} + 2 \cdot 29^{16} + 17 \cdot 29^{17} + 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 3, 1, 2) = 9 \cdot 29^{11} + 3 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 3, 1, 1, 1) = 16 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 25 \cdot 29^{16} + 18 \cdot 29^{17} + 9 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 4) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 27 \cdot 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 20 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 3, 1) = 26 \cdot 29^{11} + 8 \cdot 29^{12} + 12 \cdot 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 5 \cdot 29^{17} + 7 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 2, 2) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 3 \cdot 29^{13} + 6 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 2 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 2, 1, 1) = 3 \cdot 29^{11} + 7 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 7 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 21 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 3) = 3 \cdot 29^{11} + 26 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 2, 1) = 25 \cdot 29^{11} + 3 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 4 \cdot 29^{15} + 15 \cdot 29^{17} + 5 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 2) = 10 \cdot 29^{11} + 11 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 1, 1) = 8 \cdot 29^{11} + 25 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 8 \cdot 29^{15} + 2 \cdot 29^{16} + 29^{17} + 12 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 5) = 11 \cdot 29^{11} + 27 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 4, 1) = 29^{11} + 26 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 14 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 3, 2) = 3 \cdot 29^{11} + 14 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 19 \cdot 29^{17} + 3 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 3, 1, 1) = 7 \cdot 29^{11} + 16 \cdot 29^{12} + 20 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 3) = 21 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 2, 1) = 12 \cdot 29^{11} + 28 \cdot 29^{12} + 10 \cdot 29^{13} + 22 \cdot 29^{14} + 15 \cdot 29^{15} + 7 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 2) = 7 \cdot 29^{11} + 23 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 1, 1) = 25 \cdot 29^{11} + 12 \cdot 29^{12} + 4 \cdot 29^{13} + 25 \cdot 29^{14} + 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 4) = 7 \cdot 29^{11} + 19 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 3, 1) = 6 \cdot 29^{11} + 29^{12} + 25 \cdot 29^{14} + 4 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 2) = 4 \cdot 29^{11} + 12 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 5 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 1, 1) = 8 \cdot 29^{11} + 19 \cdot 29^{12} + 25 \cdot 29^{13} + 15 \cdot 29^{14} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 22 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 3) = 6 \cdot 29^{11} + 7 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 5 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 2, 1) = 20 \cdot 29^{11} + 19 \cdot 29^{12} + 23 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 2) = 25 \cdot 29^{11} + 15 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 7 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 29^{11} + 12 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{17} + 20 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 8) = 17 \cdot 29^{11} + 2 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 3 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 7, 1) = 24 \cdot 29^{11} + 10 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 4 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 6, 2) = 28 \cdot 29^{11} + 25 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 6, 1, 1) = 29^{11} + 3 \cdot 29^{12} + 19 \cdot 29^{13} + 23 \cdot 29^{14} + 21 \cdot 29^{15} + 5 \cdot 29^{16} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 5, 3) = 20 \cdot 29^{11} + 6 \cdot 29^{12} + 29^{14} + 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 5, 2, 1) = 18 \cdot 29^{11} + 13 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 5, 1, 2) = 18 \cdot 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 20 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 5, 1, 1, 1) = 14 \cdot 29^{11} + 7 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 27 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 21 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 4, 4) = 19 \cdot 29^{11} + 15 \cdot 29^{12} + 6 \cdot 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 4, 3, 1) = 6 \cdot 29^{11} + 5 \cdot 29^{13} + 9 \cdot 29^{14} + 6 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 20 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 4, 2, 2) = 3 \cdot 29^{11} + 14 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 19 \cdot 29^{17} + 3 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 4, 2, 1, 1) = 21 \cdot 29^{11} + 13 \cdot 29^{12} + 20 \cdot 29^{13} + 17 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 9 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 4, 1, 3) = 13 \cdot 29^{11} + 14 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 4, 1, 2, 1) = 4 \cdot 29^{11} + 11 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 26 \cdot 29^{16} + 24 \cdot 29^{17} + 18 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 4, 1, 1, 2) = 6 \cdot 29^{11} + 23 \cdot 29^{12} + 20 \cdot 29^{13} + 3 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 14 \cdot 29^{17} + 20 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 4, 1, 1, 1, 1) = 22 \cdot 29^{11} + 4 \cdot 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 5) = 21 \cdot 29^{11} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 4, 1) = 11 \cdot 29^{11} + 25 \cdot 29^{12} + 10 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 24 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 3, 2) = 28 \cdot 29^{11} + 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 3, 1, 1) = 13 \cdot 29^{11} + 11 \cdot 29^{12} + 24 \cdot 29^{13} + 2 \cdot 29^{14} + 9 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 6 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 2, 3) = 3 \cdot 29^{11} + 6 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 6 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 2, 2, 1) = 5 \cdot 29^{11} + 25 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 23 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 2, 1, 2) = 9 \cdot 29^{11} + 4 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 24 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 2, 1, 1, 1) = 10 \cdot 29^{11} + 2 \cdot 29^{12} + 12 \cdot 29^{13} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 3 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 4) = 27 \cdot 29^{11} + 20 \cdot 29^{12} + 13 \cdot 29^{13} + 23 \cdot 29^{14} + 6 \cdot 29^{16} + 17 \cdot 29^{17} + 26 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 3, 1) = 18 \cdot 29^{11} + 14 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 2, 2) = 11 \cdot 29^{11} + 17 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 22 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 2, 1, 1) = 2 \cdot 29^{11} + 25 \cdot 29^{12} + 25 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 3) = 6 \cdot 29^{11} + 8 \cdot 29^{12} + 14 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 2, 1) = 27 \cdot 29^{11} + 9 \cdot 29^{12} + 3 \cdot 29^{13} + 22 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 2) = 2 \cdot 29^{11} + 23 \cdot 29^{12} + 21 \cdot 29^{13} + 27 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 1, 1) = 10 \cdot 29^{11} + 2 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 6) = 2 \cdot 29^{11} + 13 \cdot 29^{12} + 25 \cdot 29^{13} + 3 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 5, 1) = 7 \cdot 29^{11} + 24 \cdot 29^{12} + 25 \cdot 29^{13} + 9 \cdot 29^{14} + 3 \cdot 29^{15} + 8 \cdot 29^{16} + 9 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 4, 2) = 18 \cdot 29^{11} + 25 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{16} + 16 \cdot 29^{17} + 16 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 4, 1, 1) = 10 \cdot 29^{11} + 25 \cdot 29^{12} + 11 \cdot 29^{13} + 20 \cdot 29^{14} + 21 \cdot 29^{15} + 26 \cdot 29^{16} + 12 \cdot 29^{17} + 6 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 3, 3) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 23 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 3, 2, 1) = 23 \cdot 29^{11} + 4 \cdot 29^{12} + 12 \cdot 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 2 \cdot 29^{17} + 26 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 3, 1, 2) = 11 \cdot 29^{11} + 10 \cdot 29^{12} + 8 \cdot 29^{13} + 19 \cdot 29^{14} + 23 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 3, 1, 1, 1) = 20 \cdot 29^{11} + 6 \cdot 29^{12} + 19 \cdot 29^{13} + 27 \cdot 29^{14} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 25 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 4) = 13 \cdot 29^{11} + 26 \cdot 29^{12} + 10 \cdot 29^{13} + 26 \cdot 29^{14} + 22 \cdot 29^{15} + 21 \cdot 29^{16} + 21 \cdot 29^{17} + 27 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 3, 1) = 23 \cdot 29^{11} + 26 \cdot 29^{12} + 28 \cdot 29^{13} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 19 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 2, 2) = 23 \cdot 29^{11} + 28 \cdot 29^{12} + 11 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 12 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 2, 1, 1) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 7 \cdot 29^{15} + 4 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 3) = 12 \cdot 29^{11} + 11 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 2 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 2, 1) = 17 \cdot 29^{11} + 26 \cdot 29^{12} + 10 \cdot 29^{13} + 21 \cdot 29^{14} + 13 \cdot 29^{15} + 29^{16} + 15 \cdot 29^{17} + 24 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 2) = 3 \cdot 29^{11} + 11 \cdot 29^{12} + 24 \cdot 29^{13} + 23 \cdot 29^{14} + 29^{15} + 9 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 1, 1) = 3 \cdot 29^{11} + 12 \cdot 29^{12} + 9 \cdot 29^{13} + 19 \cdot 29^{14} + 5 \cdot 29^{15} + 9 \cdot 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 5) = 16 \cdot 29^{11} + 13 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 4, 1) = 24 \cdot 29^{11} + 17 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 3, 2) = 28 \cdot 29^{11} + 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 3, 1, 1) = 16 \cdot 29^{11} + 11 \cdot 29^{12} + 5 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 3) = 25 \cdot 29^{11} + 20 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 28 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 12 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 2, 1) = 7 \cdot 29^{11} + 5 \cdot 29^{12} + 23 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 26 \cdot 29^{16} + 17 \cdot 29^{17} + 18 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 2) = 19 \cdot 29^{11} + 14 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 26 \cdot 29^{15} + 26 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 1, 1) = 27 \cdot 29^{11} + 6 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 4) = 26 \cdot 29^{11} + 12 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 3, 1) = 22 \cdot 29^{11} + 11 \cdot 29^{12} + 19 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 4 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 2) = 6 \cdot 29^{11} + 14 \cdot 29^{12} + 15 \cdot 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 4 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 1, 1) = 3 \cdot 29^{12} + 21 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 3) = 20 \cdot 29^{11} + 8 \cdot 29^{12} + 6 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 2, 1) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 26 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 2) = 7 \cdot 29^{11} + 29^{12} + 17 \cdot 29^{13} + 11 \cdot 29^{14} + 7 \cdot 29^{15} + 4 \cdot 29^{16} + 8 \cdot 29^{17} + 16 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 12 \cdot 29^{11} + 7 \cdot 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 7) = 2 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 4 \cdot 29^{14} + 19 \cdot 29^{15} + 18 \cdot 29^{16} + 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 6, 1) = 19 \cdot 29^{11} + 23 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 21 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 5, 2) = 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 5, 1, 1) = 7 \cdot 29^{11} + 23 \cdot 29^{12} + 25 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 6 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 4, 3) = 25 \cdot 29^{11} + 24 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 4, 2, 1) = 19 \cdot 29^{11} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 2 \cdot 29^{15} + 7 \cdot 29^{16} + 6 \cdot 29^{17} + 2 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 4, 1, 2) = 17 \cdot 29^{11} + 21 \cdot 29^{12} + 10 \cdot 29^{13} + 4 \cdot 29^{14} + 27 \cdot 29^{15} + 9 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 4, 1, 1, 1) = 25 \cdot 29^{11} + 23 \cdot 29^{12} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 16 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 4) = 7 \cdot 29^{11} + 3 \cdot 29^{12} + 24 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 28 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 3, 1) = 10 \cdot 29^{11} + 2 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 24 \cdot 29^{16} + 29^{17} + 26 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 2, 2) = 20 \cdot 29^{11} + 2 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 5 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 2, 1, 1) = 7 \cdot 29^{11} + 24 \cdot 29^{12} + 8 \cdot 29^{13} + 29^{14} + 11 \cdot 29^{16} + 15 \cdot 29^{17} + 7 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 3) = 24 \cdot 29^{11} + 9 \cdot 29^{12} + 13 \cdot 29^{13} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 23 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 2, 1) = 11 \cdot 29^{11} + 6 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 23 \cdot 29^{17} + 14 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 2) = 5 \cdot 29^{11} + 17 \cdot 29^{12} + 2 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 22 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 1, 1) = 18 \cdot 29^{11} + 29^{12} + 9 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 5) = 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 26 \cdot 29^{15} + 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 4, 1) = 12 \cdot 29^{11} + 25 \cdot 29^{12} + 14 \cdot 29^{13} + 29^{14} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 3, 2) = 18 \cdot 29^{11} + 25 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{16} + 16 \cdot 29^{17} + 16 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 3, 1, 1) = 27 \cdot 29^{11} + 12 \cdot 29^{12} + 7 \cdot 29^{13} + 22 \cdot 29^{14} + 4 \cdot 29^{15} + 20 \cdot 29^{16} + 22 \cdot 29^{17} + 17 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 3) = 13 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 7 \cdot 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 2, 1) = 9 \cdot 29^{11} + 16 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 12 \cdot 29^{18} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 2) = 19 \cdot 29^{11} + 12 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 1, 1) = 12 \cdot 29^{11} + 4 \cdot 29^{12} + 2 \cdot 29^{13} + 17 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 19 \cdot 29^{17} + 23 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 4) = 26 \cdot 29^{11} + 28 \cdot 29^{12} + 26 \cdot 29^{13} + 9 \cdot 29^{14} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 3, 1) = 14 \cdot 29^{11} + 13 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 7 \cdot 29^{16} + 20 \cdot 29^{17} + 8 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 2) = 27 \cdot 29^{12} + 22 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 1, 1) = 29^{11} + 12 \cdot 29^{12} + 11 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 21 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 3) = 23 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 2, 1) = 10 \cdot 29^{11} + 11 \cdot 29^{12} + 11 \cdot 29^{13} + 27 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 2 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 2) = 16 \cdot 29^{11} + 5 \cdot 29^{12} + 18 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 21 \cdot 29^{11} + 14 \cdot 29^{12} + 20 \cdot 29^{13} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 6) = 28 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 22 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 5, 1) = 3 \cdot 29^{11} + 29^{12} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 4, 2) = 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 4, 1, 1) = 5 \cdot 29^{11} + 9 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 26 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 3) = 5 \cdot 29^{11} + 7 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 3 \cdot 29^{15} + 17 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 2, 1) = 10 \cdot 29^{11} + 26 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 5 \cdot 29^{15} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 2) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 19 \cdot 29^{13} + 2 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 1, 1) = 23 \cdot 29^{11} + 24 \cdot 29^{12} + 7 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 20 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 4) = 19 \cdot 29^{11} + 15 \cdot 29^{12} + 18 \cdot 29^{13} + 18 \cdot 29^{14} + 27 \cdot 29^{15} + 10 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 3, 1) = 21 \cdot 29^{11} + 29^{12} + 3 \cdot 29^{13} + 11 \cdot 29^{14} + 17 \cdot 29^{15} + 9 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 2) = 8 \cdot 29^{11} + 7 \cdot 29^{12} + 18 \cdot 29^{13} + 11 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{17} + 23 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 1, 1) = 17 \cdot 29^{11} + 5 \cdot 29^{12} + 13 \cdot 29^{13} + 23 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 29^{17} + 3 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 3) = 5 \cdot 29^{11} + 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 2, 1) = 21 \cdot 29^{11} + 22 \cdot 29^{12} + 22 \cdot 29^{13} + 12 \cdot 29^{14} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 2 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 2) = 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 18 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 5) = 6 \cdot 29^{11} + 27 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 4, 1) = 22 \cdot 29^{11} + 14 \cdot 29^{12} + 29^{13} + 19 \cdot 29^{14} + 14 \cdot 29^{15} + 14 \cdot 29^{16} + 28 \cdot 29^{17} + 7 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 2) = 28 \cdot 29^{11} + 25 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 1, 1) = 23 \cdot 29^{11} + 24 \cdot 29^{12} + 7 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 23 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 3) = 7 \cdot 29^{11} + 15 \cdot 29^{12} + 22 \cdot 29^{13} + 14 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 14 \cdot 29^{17} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 2, 1) = 3 \cdot 29^{11} + 24 \cdot 29^{12} + 2 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 21 \cdot 29^{16} + 14 \cdot 29^{17} + 10 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 2) = 5 \cdot 29^{11} + 10 \cdot 29^{12} + 10 \cdot 29^{13} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 13 \cdot 29^{11} + 11 \cdot 29^{12} + 2 \cdot 29^{13} + 4 \cdot 29^{14} + 3 \cdot 29^{15} + 28 \cdot 29^{16} + 10 \cdot 29^{17} + 18 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 4) = 9 \cdot 29^{11} + 28 \cdot 29^{12} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 3, 1) = 11 \cdot 29^{11} + 14 \cdot 29^{12} + 15 \cdot 29^{13} + 10 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 4 \cdot 29^{17} + 18 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 2, 2) = 21 \cdot 29^{11} + 13 \cdot 29^{12} + 20 \cdot 29^{13} + 2 \cdot 29^{14} + 16 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 22 \cdot 29^{11} + 18 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 3) = 12 \cdot 29^{11} + 4 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 4 \cdot 29^{11} + 14 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 2 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 28 \cdot 29^{11} + 3 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 24 \cdot 29^{11} + 2 \cdot 29^{12} + 6 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 17 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 10) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 9, 1) = 13 \cdot 29^{11} + 14 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{16} + 8 \cdot 29^{17} + 24 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 8, 2) = 12 \cdot 29^{11} + 4 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 8, 1, 1) = 8 \cdot 29^{11} + 3 \cdot 29^{12} + 2 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 11 \cdot 29^{17} + 11 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 7, 3) = 28 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 7, 2, 1) = 15 \cdot 29^{11} + 9 \cdot 29^{12} + 4 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 7, 1, 2) = 21 \cdot 29^{11} + 7 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 17 \cdot 29^{16} + 17 \cdot 29^{17} + 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 7, 1, 1, 1) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 23 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 4 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 6, 4) = 23 \cdot 29^{11} + 20 \cdot 29^{12} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 6, 3, 1) = 10 \cdot 29^{11} + 17 \cdot 29^{12} + 24 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 13 \cdot 29^{16} + 6 \cdot 29^{17} + 22 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 6, 2, 2) = 6 \cdot 29^{11} + 7 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 5 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 6, 2, 1, 1) = 19 \cdot 29^{11} + 5 \cdot 29^{13} + 4 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 7 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 6, 1, 3) = 17 \cdot 29^{11} + 5 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{15} + 19 \cdot 29^{16} + 24 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 6, 1, 2, 1) = 25 \cdot 29^{11} + 12 \cdot 29^{12} + 28 \cdot 29^{13} + 20 \cdot 29^{14} + 12 \cdot 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 6, 1, 1, 2) = 15 \cdot 29^{11} + 5 \cdot 29^{12} + 18 \cdot 29^{13} + 27 \cdot 29^{14} + 16 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 6, 1, 1, 1, 1) = 5 \cdot 29^{11} + 17 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 15 \cdot 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 5, 5) = 18 \cdot 29^{11} + 5 \cdot 29^{12} + 16 \cdot 29^{13} + 7 \cdot 29^{14} + 2 \cdot 29^{15} + 10 \cdot 29^{16} + 13 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 5, 4, 1) = 5 \cdot 29^{11} + 21 \cdot 29^{12} + 28 \cdot 29^{13} + 9 \cdot 29^{14} + 13 \cdot 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 5, 3, 2) = 20 \cdot 29^{11} + 8 \cdot 29^{12} + 6 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 5, 3, 1, 1) = 22 \cdot 29^{11} + 3 \cdot 29^{12} + 27 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 11 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 5, 2, 3) = 18 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 28 \cdot 29^{15} + 4 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 5, 2, 2, 1) = 10 \cdot 29^{11} + 11 \cdot 29^{12} + 26 \cdot 29^{13} + 29^{14} + 28 \cdot 29^{15} + 16 \cdot 29^{16} + 15 \cdot 29^{17} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 5, 2, 1, 2) = 21 \cdot 29^{11} + 23 \cdot 29^{12} + 9 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 5, 2, 1, 1, 1) = 23 \cdot 29^{11} + 29^{12} + 4 \cdot 29^{13} + 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 25 \cdot 29^{17} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 5, 1, 4) = 24 \cdot 29^{11} + 3 \cdot 29^{12} + 13 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 5, 1, 3, 1) = 8 \cdot 29^{11} + 16 \cdot 29^{12} + 17 \cdot 29^{13} + 28 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 27 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 5, 1, 2, 2) = 23 \cdot 29^{11} + 18 \cdot 29^{12} + 18 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 16 \cdot 29^{16} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 5, 1, 2, 1, 1) = 2 \cdot 29^{11} + 18 \cdot 29^{12} + 19 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 5, 1, 1, 3) = 21 \cdot 29^{11} + 17 \cdot 29^{12} + 17 \cdot 29^{13} + 16 \cdot 29^{14} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 5, 1, 1, 2, 1) = 15 \cdot 29^{11} + 6 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 10 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 5, 1, 1, 1, 2) = 10 \cdot 29^{11} + 14 \cdot 29^{12} + 17 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 19 \cdot 29^{16} + 23 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 5, 1, 1, 1, 1) = 10 \cdot 29^{11} + 9 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 6) = 16 \cdot 29^{11} + 8 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 5, 1) = 16 \cdot 29^{11} + 14 \cdot 29^{12} + 25 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 18 \cdot 29^{16} + 12 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 4, 2) = 23 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 4, 1, 1) = 7 \cdot 29^{11} + 5 \cdot 29^{12} + 4 \cdot 29^{13} + 3 \cdot 29^{14} + 5 \cdot 29^{15} + 21 \cdot 29^{16} + 27 \cdot 29^{17} + 16 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 3, 3) = 13 \cdot 29^{11} + 23 \cdot 29^{12} + 2 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 26 \cdot 29^{17} + 17 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 3, 2, 1) = 5 \cdot 29^{11} + 6 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 28 \cdot 29^{15} + 9 \cdot 29^{16} + 6 \cdot 29^{17} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 3, 1, 2) = 20 \cdot 29^{11} + 26 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 17 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 3, 1, 1) = 7 \cdot 29^{11} + 24 \cdot 29^{12} + 25 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 9 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 2, 4) = 21 \cdot 29^{11} + 20 \cdot 29^{12} + 21 \cdot 29^{14} + 3 \cdot 29^{15} + 4 \cdot 29^{16} + 24 \cdot 29^{17} + 23 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 2, 3, 1) = 24 \cdot 29^{11} + 6 \cdot 29^{12} + 2 \cdot 29^{13} + 20 \cdot 29^{14} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 9 \cdot 29^{17} + 16 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 2, 2, 2) = 2 \cdot 29^{11} + 27 \cdot 29^{12} + 15 \cdot 29^{13} + 28 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 22 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 2, 2, 1) = 2 \cdot 29^{11} + 20 \cdot 29^{12} + 9 \cdot 29^{15} + 21 \cdot 29^{16} + 9 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 2, 1, 3) = 21 \cdot 29^{11} + 6 \cdot 29^{12} + 14 \cdot 29^{13} + 27 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 2, 1, 2, 1) = 18 \cdot 29^{11} + 21 \cdot 29^{12} + 3 \cdot 29^{13} + 21 \cdot 29^{14} + 14 \cdot 29^{15} + 7 \cdot 29^{16} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 2, 1, 1, 2) = 24 \cdot 29^{11} + 13 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 25 \cdot 29^{15} + 27 \cdot 29^{16} + 26 \cdot 29^{17} + 19 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 2, 1, 1, 1) = 7 \cdot 29^{11} + 22 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 28 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 5) = 14 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 4, 1) = 16 \cdot 29^{11} + 3 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{14} + 21 \cdot 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 3, 2) = 6 \cdot 29^{11} + 8 \cdot 29^{12} + 14 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 3, 1) = 15 \cdot 29^{11} + 7 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 28 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 12 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 2, 3) = 6 \cdot 29^{11} + 16 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 27 \cdot 29^{15} + 11 \cdot 29^{16} + 29^{17} + 7 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 2, 2) = 16 \cdot 29^{11} + 15 \cdot 29^{12} + 7 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 2, 1, 2) = 26 \cdot 29^{11} + 6 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 26 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 2, 1, 1) = 23 \cdot 29^{11} + 11 \cdot 29^{12} + 9 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 21 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 4) = 10 \cdot 29^{11} + 12 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 17 \cdot 29^{17} + 2 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 3, 1) = 15 \cdot 29^{11} + 10 \cdot 29^{12} + 6 \cdot 29^{13} + 18 \cdot 29^{14} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 6 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 2, 2) = 18 \cdot 29^{11} + 10 \cdot 29^{12} + 21 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 16 \cdot 29^{16} + 24 \cdot 29^{17} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 2, 1) = 21 \cdot 29^{11} + 18 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 3 \cdot 29^{17} + 28 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 3) = 21 \cdot 29^{11} + 17 \cdot 29^{12} + 17 \cdot 29^{13} + 16 \cdot 29^{14} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 2, 1) = 16 \cdot 29^{11} + 7 \cdot 29^{12} + 14 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 2) = 7 \cdot 29^{11} + 29^{12} + 5 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 1, 1) = 24 \cdot 29^{11} + 29^{12} + 19 \cdot 29^{13} + 22 \cdot 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 22 \cdot 29^{17} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 7) = 19 \cdot 29^{12} + 7 \cdot 29^{13} + 18 \cdot 29^{14} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 6, 1) = 24 \cdot 29^{11} + 16 \cdot 29^{12} + 16 \cdot 29^{13} + 9 \cdot 29^{14} + 8 \cdot 29^{15} + 18 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 5, 2) = 5 \cdot 29^{11} + 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 5, 1, 1) = 19 \cdot 29^{11} + 10 \cdot 29^{12} + 28 \cdot 29^{13} + 25 \cdot 29^{14} + 13 \cdot 29^{15} + 3 \cdot 29^{16} + 14 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 4, 3) = 21 \cdot 29^{11} + 8 \cdot 29^{12} + 23 \cdot 29^{13} + 21 \cdot 29^{14} + 24 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 9 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 4, 2, 1) = 20 \cdot 29^{11} + 4 \cdot 29^{12} + 28 \cdot 29^{13} + 2 \cdot 29^{14} + 28 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 25 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 4, 1, 2) = 4 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{14} + 26 \cdot 29^{16} + 21 \cdot 29^{17} + 27 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 4, 1, 1, 1) = 18 \cdot 29^{11} + 4 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 3, 4) = 29^{11} + 5 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{16} + 21 \cdot 29^{17} + 20 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 3, 3, 1) = 16 \cdot 29^{11} + 13 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 9 \cdot 29^{16} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 3, 2, 2) = 3 \cdot 29^{11} + 26 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 3, 2, 1, 1) = 13 \cdot 29^{11} + 24 \cdot 29^{12} + 16 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 26 \cdot 29^{16} + 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 3, 1, 3) = 18 \cdot 29^{11} + 25 \cdot 29^{12} + 11 \cdot 29^{13} + 29^{14} + 9 \cdot 29^{15} + 10 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 3, 1, 2, 1) = 13 \cdot 29^{11} + 12 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 12 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 3, 1, 1, 2) = 14 \cdot 29^{11} + 4 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 28 \cdot 29^{15} + 8 \cdot 29^{16} + 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 3, 1, 1, 1, 1) = 17 \cdot 29^{11} + 8 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 12 \cdot 29^{15} + 9 \cdot 29^{16} + 5 \cdot 29^{17} + 26 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 5) = 15 \cdot 29^{11} + 11 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 28 \cdot 29^{15} + 12 \cdot 29^{16} + 11 \cdot 29^{17} + 17 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 4, 1) = 3 \cdot 29^{11} + 18 \cdot 29^{12} + 26 \cdot 29^{13} + 25 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 3, 2) = 12 \cdot 29^{11} + 11 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 2 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 3, 1, 1) = 13 \cdot 29^{12} + 16 \cdot 29^{13} + 5 \cdot 29^{14} + 15 \cdot 29^{15} + 22 \cdot 29^{16} + 22 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 2, 3) = 12 \cdot 29^{11} + 8 \cdot 29^{12} + 22 \cdot 29^{13} + 22 \cdot 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 2, 2, 1) = 8 \cdot 29^{11} + 28 \cdot 29^{12} + 5 \cdot 29^{13} + 14 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 2, 1, 2) = 28 \cdot 29^{11} + 6 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 2 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 2 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 2, 1, 1, 1) = 25 \cdot 29^{11} + 18 \cdot 29^{12} + 21 \cdot 29^{13} + 2 \cdot 29^{14} + 15 \cdot 29^{15} + 10 \cdot 29^{16} + 15 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 4) = 22 \cdot 29^{11} + 16 \cdot 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{16} + 21 \cdot 29^{17} + 2 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 3, 1) = 5 \cdot 29^{11} + 5 \cdot 29^{12} + 8 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{15} + 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 2, 2) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 2, 1, 1) = 10 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 10 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 3) = 21 \cdot 29^{11} + 6 \cdot 29^{12} + 14 \cdot 29^{13} + 27 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 2, 1) = 24 \cdot 29^{11} + 20 \cdot 29^{12} + 21 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 2) = 19 \cdot 29^{11} + 20 \cdot 29^{12} + 2 \cdot 29^{13} + 28 \cdot 29^{14} + 29^{16} + 17 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 1) = 11 \cdot 29^{11} + 14 \cdot 29^{12} + 15 \cdot 29^{13} + 24 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 2 \cdot 29^{17} + 18 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 6) = 3 \cdot 29^{11} + 2 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 5, 1) = 14 \cdot 29^{11} + 6 \cdot 29^{14} + 7 \cdot 29^{15} + 28 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 4, 2) = 24 \cdot 29^{11} + 9 \cdot 29^{12} + 13 \cdot 29^{13} + 25 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 23 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 4, 1, 1) = 13 \cdot 29^{11} + 23 \cdot 29^{12} + 5 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 3, 3) = 7 \cdot 29^{11} + 9 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 15 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 13 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 3, 2, 1) = 24 \cdot 29^{11} + 17 \cdot 29^{12} + 8 \cdot 29^{13} + 23 \cdot 29^{14} + 27 \cdot 29^{15} + 16 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 3, 1, 2) = 10 \cdot 29^{11} + 13 \cdot 29^{13} + 21 \cdot 29^{14} + 14 \cdot 29^{16} + 28 \cdot 29^{17} + 2 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 3, 1, 1, 1) = 6 \cdot 29^{11} + 26 \cdot 29^{12} + 18 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 4 \cdot 29^{16} + 21 \cdot 29^{17} + 15 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 4) = 6 \cdot 29^{11} + 12 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 23 \cdot 29^{17} + 21 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 3, 1) = 20 \cdot 29^{11} + 20 \cdot 29^{12} + 3 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 2, 2) = 7 \cdot 29^{11} + 14 \cdot 29^{12} + 18 \cdot 29^{13} + 2 \cdot 29^{14} + 26 \cdot 29^{15} + 10 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 2, 1, 1) = 12 \cdot 29^{11} + 28 \cdot 29^{12} + 24 \cdot 29^{13} + 16 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 12 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 3) = 18 \cdot 29^{11} + 25 \cdot 29^{12} + 11 \cdot 29^{13} + 29^{14} + 9 \cdot 29^{15} + 10 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 2, 1) = 25 \cdot 29^{11} + 13 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 18 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 2) = 15 \cdot 29^{11} + 14 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 1, 1) = 25 \cdot 29^{12} + 5 \cdot 29^{13} + 7 \cdot 29^{14} + 12 \cdot 29^{15} + 2 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 5) = 22 \cdot 29^{11} + 6 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 4, 1) = 21 \cdot 29^{11} + 13 \cdot 29^{12} + 21 \cdot 29^{13} + 3 \cdot 29^{14} + 20 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 3, 2) = 13 \cdot 29^{11} + 14 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 3, 1, 1) = 5 \cdot 29^{11} + 3 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 10 \cdot 29^{15} + 4 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 3) = 16 \cdot 29^{11} + 7 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 2, 1) = 8 \cdot 29^{11} + 28 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 25 \cdot 29^{15} + 3 \cdot 29^{16} + 16 \cdot 29^{17} + 19 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 2) = 10 \cdot 29^{11} + 7 \cdot 29^{12} + 18 \cdot 29^{13} + 20 \cdot 29^{14} + 8 \cdot 29^{15} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 1, 1) = 2 \cdot 29^{11} + 17 \cdot 29^{12} + 12 \cdot 29^{13} + 13 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 26 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 4) = 18 \cdot 29^{11} + 5 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 3, 1) = 28 \cdot 29^{11} + 3 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 2) = 19 \cdot 29^{12} + 25 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 27 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 1, 1) = 18 \cdot 29^{11} + 10 \cdot 29^{12} + 24 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 3) = 17 \cdot 29^{11} + 5 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{15} + 19 \cdot 29^{16} + 24 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 2, 1) = 19 \cdot 29^{11} + 28 \cdot 29^{12} + 12 \cdot 29^{13} + 6 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 14 \cdot 29^{17} + 17 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 2) = 10 \cdot 29^{11} + 6 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 18 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 19 \cdot 29^{11} + 6 \cdot 29^{12} + 23 \cdot 29^{13} + 19 \cdot 29^{14} + 14 \cdot 29^{15} + 29^{16} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 8) = 10 \cdot 29^{12} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 12 \cdot 29^{16} + 12 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 7, 1) = 11 \cdot 29^{11} + 2 \cdot 29^{12} + 27 \cdot 29^{14} + 4 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 6, 2) = 7 \cdot 29^{11} + 15 \cdot 29^{12} + 22 \cdot 29^{13} + 14 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 14 \cdot 29^{17} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 6, 1, 1) = 15 \cdot 29^{11} + 9 \cdot 29^{12} + 4 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 5, 3) = 21 \cdot 29^{11} + 28 \cdot 29^{12} + 16 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 28 \cdot 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 5, 2, 1) = 16 \cdot 29^{11} + 3 \cdot 29^{13} + 14 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 5, 1, 2) = 16 \cdot 29^{11} + 24 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 17 \cdot 29^{15} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 5, 1, 1, 1) = 4 \cdot 29^{11} + 9 \cdot 29^{12} + 9 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 2 \cdot 29^{16} + 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 4, 4) = 10 \cdot 29^{11} + 4 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 24 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 4, 3, 1) = 24 \cdot 29^{11} + 19 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 28 \cdot 29^{16} + 5 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 4, 2, 2) = 21 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 4, 2, 1, 1) = 21 \cdot 29^{11} + 24 \cdot 29^{12} + 4 \cdot 29^{13} + 14 \cdot 29^{14} + 2 \cdot 29^{15} + 15 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 4, 1, 3) = 16 \cdot 29^{11} + 7 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 4, 1, 2, 1) = 27 \cdot 29^{11} + 10 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 4, 1, 1, 2) = 27 \cdot 29^{11} + 4 \cdot 29^{13} + 15 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 20 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 4, 1, 1, 1, 1) = 11 \cdot 29^{11} + 23 \cdot 29^{13} + 27 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 15 \cdot 29^{17} + 10 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 5) = 10 \cdot 29^{11} + 9 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 23 \cdot 29^{15} + 4 \cdot 29^{16} + 10 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 4, 1) = 23 \cdot 29^{11} + 19 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 2 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 3, 2) = 25 \cdot 29^{11} + 20 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 28 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 12 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 3, 1, 1) = 25 \cdot 29^{11} + 9 \cdot 29^{12} + 15 \cdot 29^{13} + 3 \cdot 29^{14} + 24 \cdot 29^{15} + 9 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 2, 3) = 22 \cdot 29^{11} + 3 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 2 \cdot 29^{15} + 11 \cdot 29^{16} + 6 \cdot 29^{17} + 25 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 2, 2, 1) = 7 \cdot 29^{11} + 21 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 7 \cdot 29^{17} + 2 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 2, 1, 2) = 10 \cdot 29^{11} + 13 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 29^{17} + 5 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 2, 1, 1, 1) = 20 \cdot 29^{11} + 26 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 21 \cdot 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 6 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 4) = 4 \cdot 29^{11} + 29^{12} + 18 \cdot 29^{13} + 28 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 3, 1) = 18 \cdot 29^{11} + 26 \cdot 29^{12} + 14 \cdot 29^{13} + 19 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 2, 2) = 7 \cdot 29^{11} + 6 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 2, 1, 1) = 26 \cdot 29^{11} + 3 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 7 \cdot 29^{16} + 10 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 3) = 6 \cdot 29^{11} + 16 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 27 \cdot 29^{15} + 11 \cdot 29^{16} + 29^{17} + 7 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 2, 1) = 19 \cdot 29^{11} + 26 \cdot 29^{12} + 28 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 2) = 8 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 7 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 7 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 1, 1) = 9 \cdot 29^{11} + 13 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 6) = 28 \cdot 29^{11} + 21 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 5, 1) = 7 \cdot 29^{11} + 8 \cdot 29^{12} + 3 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 11 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 4, 2) = 13 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 7 \cdot 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 4, 1, 1) = 20 \cdot 29^{11} + 25 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 15 \cdot 29^{16} + 29^{17} + 17 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 3, 3) = 22 \cdot 29^{11} + 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 3, 2, 1) = 24 \cdot 29^{11} + 4 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 7 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 3, 1, 2) = 28 \cdot 29^{11} + 25 \cdot 29^{12} + 24 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 3, 1, 1, 1) = 4 \cdot 29^{11} + 27 \cdot 29^{12} + 18 \cdot 29^{13} + 23 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 4) = 15 \cdot 29^{11} + 2 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 17 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 3, 1) = 22 \cdot 29^{11} + 8 \cdot 29^{12} + 6 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 2, 2) = 24 \cdot 29^{11} + 15 \cdot 29^{12} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 2, 1, 1) = 17 \cdot 29^{11} + 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 9 \cdot 29^{15} + 7 \cdot 29^{16} + 22 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 3) = 12 \cdot 29^{11} + 8 \cdot 29^{12} + 22 \cdot 29^{13} + 22 \cdot 29^{14} + 22 \cdot 29^{15} + 4 \cdot 29^{16} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 2, 1) = 28 \cdot 29^{11} + 6 \cdot 29^{12} + 3 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 28 \cdot 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 2) = 25 \cdot 29^{11} + 19 \cdot 29^{12} + 6 \cdot 29^{13} + 26 \cdot 29^{14} + 8 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 1, 1) = 25 \cdot 29^{11} + 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 27 \cdot 29^{16} + 24 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 5) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 14 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 4, 1) = 14 \cdot 29^{11} + 27 \cdot 29^{12} + 9 \cdot 29^{13} + 19 \cdot 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 3, 2) = 3 \cdot 29^{11} + 6 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 6 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 3, 1, 1) = 6 \cdot 29^{11} + 17 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 24 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 3) = 22 \cdot 29^{11} + 3 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 2 \cdot 29^{15} + 11 \cdot 29^{16} + 6 \cdot 29^{17} + 25 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 2, 1) = 5 \cdot 29^{11} + 28 \cdot 29^{12} + 7 \cdot 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 2) = 29^{11} + 4 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 1, 1) = 21 \cdot 29^{11} + 24 \cdot 29^{12} + 10 \cdot 29^{13} + 25 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 4) = 20 \cdot 29^{11} + 17 \cdot 29^{12} + 21 \cdot 29^{13} + 2 \cdot 29^{14} + 27 \cdot 29^{15} + 29^{16} + 21 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 3, 1) = 11 \cdot 29^{11} + 13 \cdot 29^{12} + 12 \cdot 29^{13} + 4 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 12 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 2) = 2 \cdot 29^{11} + 11 \cdot 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 3 \cdot 29^{15} + 21 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 1, 1) = 19 \cdot 29^{11} + 11 \cdot 29^{12} + 22 \cdot 29^{13} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 3) = 18 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 28 \cdot 29^{15} + 4 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 2, 1) = 8 \cdot 29^{11} + 23 \cdot 29^{12} + 13 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 2) = 24 \cdot 29^{11} + 13 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 26 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 28 \cdot 29^{11} + 22 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{15} + 19 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 7) = 27 \cdot 29^{11} + 2 \cdot 29^{12} + 13 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 6, 1) = 22 \cdot 29^{11} + 16 \cdot 29^{12} + 7 \cdot 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 5, 2) = 5 \cdot 29^{11} + 7 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 3 \cdot 29^{15} + 17 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 5, 1, 1) = 19 \cdot 29^{11} + 15 \cdot 29^{12} + 5 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{15} + 7 \cdot 29^{16} + 18 \cdot 29^{17} + 5 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 4, 3) = 17 \cdot 29^{11} + 22 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 26 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 4, 2, 1) = 5 \cdot 29^{11} + 22 \cdot 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 4, 1, 2) = 26 \cdot 29^{11} + 6 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 26 \cdot 29^{17} + 17 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 4, 1, 1, 1) = 5 \cdot 29^{11} + 8 \cdot 29^{12} + 7 \cdot 29^{13} + 23 \cdot 29^{14} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 4) = 22 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 15 \cdot 29^{15} + 14 \cdot 29^{16} + 23 \cdot 29^{17} + 17 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 3, 1) = 27 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 11 \cdot 29^{14} + 17 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 18 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 2, 2) = 23 \cdot 29^{11} + 19 \cdot 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 7 \cdot 29^{15} + 23 \cdot 29^{16} + 14 \cdot 29^{17} + 9 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 2, 1, 1) = 9 \cdot 29^{11} + 27 \cdot 29^{12} + 5 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 14 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 3) = 7 \cdot 29^{11} + 9 \cdot 29^{12} + 2 \cdot 29^{13} + 13 \cdot 29^{14} + 15 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 13 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 2, 1) = 5 \cdot 29^{11} + 24 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 5 \cdot 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 2) = 17 \cdot 29^{11} + 4 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 1, 1) = 19 \cdot 29^{11} + 14 \cdot 29^{12} + 8 \cdot 29^{13} + 19 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 5) = 8 \cdot 29^{11} + 25 \cdot 29^{12} + 6 \cdot 29^{13} + 26 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{17} + 7 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 4, 1) = 12 \cdot 29^{11} + 4 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 24 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 3, 2) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 23 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 3, 1, 1) = 8 \cdot 29^{11} + 22 \cdot 29^{12} + 17 \cdot 29^{13} + 24 \cdot 29^{14} + 7 \cdot 29^{15} + 16 \cdot 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 3) = 22 \cdot 29^{11} + 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 2, 1) = 21 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 9 \cdot 29^{14} + 26 \cdot 29^{15} + 26 \cdot 29^{16} + 11 \cdot 29^{17} + 27 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 2) = 12 \cdot 29^{11} + 23 \cdot 29^{12} + 13 \cdot 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 1, 1) = 7 \cdot 29^{11} + 20 \cdot 29^{12} + 24 \cdot 29^{13} + 13 \cdot 29^{14} + 11 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 4) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 3, 1) = 28 \cdot 29^{11} + 10 \cdot 29^{12} + 21 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 17 \cdot 29^{16} + 15 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 2) = 12 \cdot 29^{11} + 22 \cdot 29^{12} + 7 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 26 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 1, 1) = 16 \cdot 29^{11} + 10 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 3) = 13 \cdot 29^{11} + 23 \cdot 29^{12} + 2 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 26 \cdot 29^{17} + 17 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 2, 1) = 29^{11} + 4 \cdot 29^{12} + 14 \cdot 29^{13} + 28 \cdot 29^{14} + 14 \cdot 29^{15} + 9 \cdot 29^{16} + 22 \cdot 29^{17} + 9 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 2) = 6 \cdot 29^{11} + 27 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 22 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 12 \cdot 29^{15} + 3 \cdot 29^{17} + 9 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 6) = 19 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{14} + 18 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 17 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 5, 1) = 10 \cdot 29^{11} + 10 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 4, 2) = 25 \cdot 29^{11} + 24 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 4, 1, 1) = 8 \cdot 29^{11} + 14 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 5 \cdot 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 3) = 17 \cdot 29^{11} + 22 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 26 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 2, 1) = 29^{11} + 10 \cdot 29^{12} + 15 \cdot 29^{13} + 21 \cdot 29^{14} + 14 \cdot 29^{15} + 17 \cdot 29^{16} + 6 \cdot 29^{17} + 20 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 2) = 16 \cdot 29^{11} + 25 \cdot 29^{12} + 7 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 1, 1) = 28 \cdot 29^{11} + 2 \cdot 29^{12} + 12 \cdot 29^{13} + 8 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 4) = 16 \cdot 29^{11} + 21 \cdot 29^{12} + 16 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 7 \cdot 29^{17} + 26 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 3, 1) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 24 \cdot 29^{15} + 20 \cdot 29^{16} + 8 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 2) = 4 \cdot 29^{11} + 10 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 21 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 1, 1) = 5 \cdot 29^{11} + 28 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 18 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 23 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 3) = 21 \cdot 29^{11} + 8 \cdot 29^{12} + 23 \cdot 29^{13} + 21 \cdot 29^{14} + 24 \cdot 29^{15} + 7 \cdot 29^{16} + 15 \cdot 29^{17} + 9 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 2, 1) = 27 \cdot 29^{12} + 12 \cdot 29^{13} + 7 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 28 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 2) = 19 \cdot 29^{11} + 16 \cdot 29^{12} + 5 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 15 \cdot 29^{11} + 9 \cdot 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 5) = 17 \cdot 29^{12} + 6 \cdot 29^{13} + 3 \cdot 29^{14} + 10 \cdot 29^{15} + 3 \cdot 29^{16} + 18 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 4, 1) = 26 \cdot 29^{11} + 26 \cdot 29^{12} + 22 \cdot 29^{13} + 9 \cdot 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 15 \cdot 29^{17} + 6 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 2) = 20 \cdot 29^{11} + 6 \cdot 29^{12} + 29^{14} + 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 1, 1) = 29^{11} + 14 \cdot 29^{12} + 5 \cdot 29^{13} + 22 \cdot 29^{14} + 17 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 3) = 21 \cdot 29^{11} + 28 \cdot 29^{12} + 16 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 28 \cdot 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 2, 1) = 27 \cdot 29^{11} + 12 \cdot 29^{12} + 2 \cdot 29^{14} + 12 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 11 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 2) = 19 \cdot 29^{11} + 13 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 29^{11} + 3 \cdot 29^{12} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 13 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 4) = 17 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 3, 1) = 15 \cdot 29^{11} + 21 \cdot 29^{12} + 16 \cdot 29^{13} + 9 \cdot 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 2) = 3 \cdot 29^{11} + 9 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 16 \cdot 29^{11} + 13 \cdot 29^{12} + 11 \cdot 29^{13} + 12 \cdot 29^{14} + 6 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 3) = 28 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 22 \cdot 29^{11} + 18 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 29^{11} + 6 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 3 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 8 \cdot 29^{11} + 16 \cdot 29^{12} + 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 6 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 9) = 21 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{17} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 8, 1) = 16 \cdot 29^{11} + 28 \cdot 29^{12} + 3 \cdot 29^{13} + 25 \cdot 29^{14} + 7 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 7, 2) = 9 \cdot 29^{11} + 28 \cdot 29^{12} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 7, 1, 1) = 19 \cdot 29^{12} + 11 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 18 \cdot 29^{16} + 19 \cdot 29^{17} + 16 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 6, 3) = 17 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 6, 2, 1) = 2 \cdot 29^{11} + 22 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 20 \cdot 29^{15} + 19 \cdot 29^{16} + 8 \cdot 29^{17} + 7 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 6, 1, 2) = 6 \cdot 29^{11} + 12 \cdot 29^{12} + 17 \cdot 29^{13} + 20 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 22 \cdot 29^{17} + 19 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 6, 1, 1, 1) = 5 \cdot 29^{11} + 12 \cdot 29^{12} + 15 \cdot 29^{13} + 2 \cdot 29^{14} + 18 \cdot 29^{15} + 22 \cdot 29^{16} + 15 \cdot 29^{17} + 4 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 5, 4) = 17 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 3 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 20 \cdot 29^{17} + 24 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 5, 3, 1) = 23 \cdot 29^{11} + 17 \cdot 29^{12} + 13 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 11 \cdot 29^{16} + 9 \cdot 29^{17} + 20 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 5, 2, 2) = 7 \cdot 29^{11} + 19 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 5, 2, 1, 1) = 12 \cdot 29^{11} + 11 \cdot 29^{12} + 4 \cdot 29^{13} + 17 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 2 \cdot 29^{17} + 6 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 5, 1, 3) = 18 \cdot 29^{11} + 5 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 5, 1, 2, 1) = 3 \cdot 29^{11} + 5 \cdot 29^{12} + 14 \cdot 29^{13} + 5 \cdot 29^{15} + 10 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 5, 1, 1, 2) = 18 \cdot 29^{11} + 20 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 5, 1, 1, 1, 1) = 20 \cdot 29^{11} + 12 \cdot 29^{12} + 7 \cdot 29^{13} + 21 \cdot 29^{14} + 17 \cdot 29^{15} + 4 \cdot 29^{16} + 2 \cdot 29^{17} + 17 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 5) = 16 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 4, 1) = 5 \cdot 29^{11} + 6 \cdot 29^{12} + 13 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 19 \cdot 29^{16} + 5 \cdot 29^{17} + 16 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 3, 2) = 26 \cdot 29^{11} + 12 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{14} + 23 \cdot 29^{15} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 3, 1, 1) = 3 \cdot 29^{11} + 24 \cdot 29^{12} + 8 \cdot 29^{13} + 7 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 2, 3) = 20 \cdot 29^{11} + 17 \cdot 29^{12} + 21 \cdot 29^{13} + 2 \cdot 29^{14} + 27 \cdot 29^{15} + 29^{16} + 21 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 2, 2, 1) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 2 \cdot 29^{16} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 2, 1, 2) = 27 \cdot 29^{11} + 15 \cdot 29^{12} + 14 \cdot 29^{13} + 2 \cdot 29^{14} + 17 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 2, 1, 1, 1) = 28 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 9 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 4) = 29^{11} + 23 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 24 \cdot 29^{15} + 19 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 3, 1) = 20 \cdot 29^{11} + 26 \cdot 29^{12} + 11 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 2, 2) = 8 \cdot 29^{11} + 3 \cdot 29^{12} + 7 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 9 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 2, 1, 1) = 2 \cdot 29^{11} + 5 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 21 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 3) = 10 \cdot 29^{11} + 12 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 17 \cdot 29^{17} + 2 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 2, 1) = 18 \cdot 29^{11} + 19 \cdot 29^{12} + 4 \cdot 29^{13} + 15 \cdot 29^{14} + 2 \cdot 29^{15} + 18 \cdot 29^{16} + 28 \cdot 29^{17} + 2 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 2) = 3 \cdot 29^{11} + 12 \cdot 29^{12} + 20 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 10 \cdot 29^{17} + 7 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 1, 1) = 13 \cdot 29^{11} + 6 \cdot 29^{12} + 29^{13} + 20 \cdot 29^{14} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 6) = 15 \cdot 29^{11} + 15 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 5, 1) = 11 \cdot 29^{11} + 16 \cdot 29^{12} + 2 \cdot 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 4, 2) = 26 \cdot 29^{11} + 28 \cdot 29^{12} + 26 \cdot 29^{13} + 9 \cdot 29^{14} + 27 \cdot 29^{15} + 4 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 4, 1, 1) = 29^{11} + 7 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 3, 3) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 3, 2, 1) = 14 \cdot 29^{11} + 10 \cdot 29^{12} + 9 \cdot 29^{13} + 19 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 8 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 3, 1, 2) = 24 \cdot 29^{11} + 18 \cdot 29^{12} + 23 \cdot 29^{13} + 10 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 14 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 3, 1, 1, 1) = 12 \cdot 29^{11} + 23 \cdot 29^{12} + 26 \cdot 29^{13} + 11 \cdot 29^{15} + 25 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 4) = 6 \cdot 29^{11} + 25 \cdot 29^{12} + 7 \cdot 29^{13} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 14 \cdot 29^{16} + 10 \cdot 29^{17} + 15 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 3, 1) = 12 \cdot 29^{11} + 6 \cdot 29^{13} + 25 \cdot 29^{14} + 9 \cdot 29^{15} + 21 \cdot 29^{16} + 19 \cdot 29^{17} + 29^{18} + 14 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 2) = 10 \cdot 29^{11} + 3 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 2, 1, 1) = 3 \cdot 29^{11} + 16 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 29^{16} + 19 \cdot 29^{17} + 11 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 3) = 22 \cdot 29^{11} + 16 \cdot 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{16} + 21 \cdot 29^{17} + 2 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 2, 1) = 11 \cdot 29^{11} + 12 \cdot 29^{12} + 19 \cdot 29^{13} + 15 \cdot 29^{14} + 20 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 7 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 1, 2) = 16 \cdot 29^{11} + 16 \cdot 29^{12} + 6 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 1, 1, 1) = 12 \cdot 29^{11} + 26 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 5) = 24 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{17} + 28 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 4, 1) = 9 \cdot 29^{11} + 16 \cdot 29^{12} + 15 \cdot 29^{13} + 16 \cdot 29^{14} + 22 \cdot 29^{15} + 11 \cdot 29^{17} + 17 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 3, 2) = 27 \cdot 29^{11} + 20 \cdot 29^{12} + 13 \cdot 29^{13} + 23 \cdot 29^{14} + 6 \cdot 29^{16} + 17 \cdot 29^{17} + 26 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 3, 1, 1) = 12 \cdot 29^{11} + 13 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 3) = 4 \cdot 29^{11} + 29^{12} + 18 \cdot 29^{13} + 28 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 2, 1) = 14 \cdot 29^{11} + 11 \cdot 29^{12} + 17 \cdot 29^{13} + 15 \cdot 29^{14} + 28 \cdot 29^{15} + 7 \cdot 29^{16} + 24 \cdot 29^{17} + 7 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 1, 2) = 5 \cdot 29^{11} + 15 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 23 \cdot 29^{15} + 23 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 1, 1, 1) = 20 \cdot 29^{11} + 18 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 25 \cdot 29^{17} + 3 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 4) = 29^{11} + 23 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 24 \cdot 29^{15} + 19 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 3, 1) = 11 \cdot 29^{11} + 17 \cdot 29^{12} + 3 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 25 \cdot 29^{16} + 25 \cdot 29^{17} + 26 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 2, 2) = 19 \cdot 29^{11} + 14 \cdot 29^{12} + 13 \cdot 29^{13} + 23 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 2, 1, 1) = 16 \cdot 29^{11} + 3 \cdot 29^{12} + 15 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 3) = 24 \cdot 29^{11} + 3 \cdot 29^{12} + 13 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 2, 1) = 2 \cdot 29^{11} + 5 \cdot 29^{12} + 25 \cdot 29^{13} + 29^{14} + 15 \cdot 29^{15} + 21 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1, 2) = 14 \cdot 29^{11} + 21 \cdot 29^{12} + 14 \cdot 29^{13} + 7 \cdot 29^{14} + 27 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 14 \cdot 29^{11} + 15 \cdot 29^{12} + 15 \cdot 29^{13} + 11 \cdot 29^{14} + 24 \cdot 29^{15} + 18 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 7) = 11 \cdot 29^{11} + 9 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 25 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 6, 1) = 10 \cdot 29^{11} + 24 \cdot 29^{12} + 9 \cdot 29^{13} + 23 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{17} + 15 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 5, 2) = 19 \cdot 29^{11} + 15 \cdot 29^{12} + 18 \cdot 29^{13} + 18 \cdot 29^{14} + 27 \cdot 29^{15} + 10 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 5, 1, 1) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 15 \cdot 29^{15} + 8 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 4, 3) = 16 \cdot 29^{11} + 21 \cdot 29^{12} + 16 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 7 \cdot 29^{17} + 26 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 4, 2, 1) = 22 \cdot 29^{11} + 10 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 4, 1, 2) = 21 \cdot 29^{11} + 6 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 10 \cdot 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 4, 1, 1, 1) = 3 \cdot 29^{11} + 5 \cdot 29^{12} + 19 \cdot 29^{13} + 22 \cdot 29^{14} + 6 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 4) = 22 \cdot 29^{11} + 20 \cdot 29^{12} + 27 \cdot 29^{13} + 21 \cdot 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 3, 1) = 21 \cdot 29^{11} + 2 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 12 \cdot 29^{15} + 13 \cdot 29^{16} + 18 \cdot 29^{17} + 2 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 2, 2) = 21 \cdot 29^{11} + 9 \cdot 29^{12} + 27 \cdot 29^{13} + 16 \cdot 29^{14} + 19 \cdot 29^{15} + 20 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 2, 1, 1) = 9 \cdot 29^{11} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 19 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 3) = 6 \cdot 29^{11} + 12 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 23 \cdot 29^{17} + 21 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 2, 1) = 9 \cdot 29^{11} + 10 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 1, 2) = 2 \cdot 29^{11} + 8 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 2 \cdot 29^{17} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 1, 1) = 22 \cdot 29^{11} + 15 \cdot 29^{12} + 18 \cdot 29^{13} + 3 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 5) = 5 \cdot 29^{11} + 19 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{14} + 15 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 4, 1) = 12 \cdot 29^{11} + 5 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 23 \cdot 29^{17} + 11 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 3, 2) = 13 \cdot 29^{11} + 26 \cdot 29^{12} + 10 \cdot 29^{13} + 26 \cdot 29^{14} + 22 \cdot 29^{15} + 21 \cdot 29^{16} + 21 \cdot 29^{17} + 27 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 3, 1, 1) = 10 \cdot 29^{11} + 23 \cdot 29^{12} + 18 \cdot 29^{13} + 19 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 3) = 15 \cdot 29^{11} + 2 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 17 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 2, 1) = 29^{11} + 6 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{17} + 6 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 1, 2) = 15 \cdot 29^{11} + 17 \cdot 29^{12} + 20 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 15 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 1, 1, 1) = 6 \cdot 29^{11} + 6 \cdot 29^{12} + 14 \cdot 29^{13} + 9 \cdot 29^{14} + 22 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 4) = 6 \cdot 29^{11} + 25 \cdot 29^{12} + 7 \cdot 29^{13} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 14 \cdot 29^{16} + 10 \cdot 29^{17} + 15 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 3, 1) = 13 \cdot 29^{11} + 16 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 19 \cdot 29^{15} + 27 \cdot 29^{16} + 27 \cdot 29^{17} + 8 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 2, 2) = 7 \cdot 29^{11} + 10 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 2, 1, 1) = 17 \cdot 29^{11} + 14 \cdot 29^{12} + 10 \cdot 29^{13} + 19 \cdot 29^{15} + 17 \cdot 29^{16} + 12 \cdot 29^{17} + 2 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 3) = 21 \cdot 29^{11} + 20 \cdot 29^{12} + 21 \cdot 29^{14} + 3 \cdot 29^{15} + 4 \cdot 29^{16} + 24 \cdot 29^{17} + 23 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 2, 1) = 5 \cdot 29^{11} + 26 \cdot 29^{12} + 24 \cdot 29^{13} + 19 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1, 2) = 21 \cdot 29^{11} + 18 \cdot 29^{12} + 17 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{15} + 25 \cdot 29^{16} + 28 \cdot 29^{17} + 9 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 18 \cdot 29^{11} + 12 \cdot 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 17 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 6) = 24 \cdot 29^{11} + 29^{12} + 4 \cdot 29^{13} + 3 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 5, 1) = 11 \cdot 29^{11} + 3 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 4, 2) = 7 \cdot 29^{11} + 3 \cdot 29^{12} + 24 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 28 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 4, 1, 1) = 20 \cdot 29^{11} + 28 \cdot 29^{12} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 3) = 22 \cdot 29^{11} + 16 \cdot 29^{12} + 12 \cdot 29^{13} + 15 \cdot 29^{14} + 15 \cdot 29^{15} + 14 \cdot 29^{16} + 23 \cdot 29^{17} + 17 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 2, 1) = 2 \cdot 29^{11} + 24 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 6 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 1, 2) = 12 \cdot 29^{12} + 11 \cdot 29^{13} + 2 \cdot 29^{14} + 11 \cdot 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 5 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 1, 1, 1) = 12 \cdot 29^{11} + 9 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 20 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 4) = 22 \cdot 29^{11} + 20 \cdot 29^{12} + 27 \cdot 29^{13} + 21 \cdot 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 3, 1) = 13 \cdot 29^{11} + 8 \cdot 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 2, 2) = 2 \cdot 29^{11} + 18 \cdot 29^{12} + 14 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 2, 1, 1) = 16 \cdot 29^{11} + 2 \cdot 29^{12} + 2 \cdot 29^{13} + 17 \cdot 29^{14} + 18 \cdot 29^{15} + 15 \cdot 29^{16} + 23 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 3) = 29^{11} + 5 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{16} + 21 \cdot 29^{17} + 20 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 2, 1) = 27 \cdot 29^{11} + 19 \cdot 29^{12} + 16 \cdot 29^{13} + 25 \cdot 29^{14} + 21 \cdot 29^{15} + 17 \cdot 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{18} + 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1, 2) = 21 \cdot 29^{11} + 3 \cdot 29^{12} + 17 \cdot 29^{13} + 9 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 25 \cdot 29^{11} + 20 \cdot 29^{12} + 13 \cdot 29^{13} + 21 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 11 \cdot 29^{17} + 28 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 5) = 16 \cdot 29^{11} + 18 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 4, 1) = 13 \cdot 29^{11} + 22 \cdot 29^{12} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 24 \cdot 29^{17} + 10 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 2) = 19 \cdot 29^{11} + 15 \cdot 29^{12} + 6 \cdot 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 1, 1) = 27 \cdot 29^{11} + 26 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{15} + 10 \cdot 29^{16} + 8 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 3) = 10 \cdot 29^{11} + 4 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 24 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 2, 1) = 9 \cdot 29^{11} + 23 \cdot 29^{12} + 27 \cdot 29^{13} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 10 \cdot 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 2) = 4 \cdot 29^{11} + 14 \cdot 29^{12} + 11 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 29^{11} + 12 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{17} + 20 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 4) = 17 \cdot 29^{11} + 17 \cdot 29^{12} + 27 \cdot 29^{13} + 3 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 20 \cdot 29^{17} + 24 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 3, 1) = 4 \cdot 29^{11} + 18 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 10 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 2) = 12 \cdot 29^{11} + 2 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 6 \cdot 29^{11} + 3 \cdot 29^{12} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 13 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 3) = 23 \cdot 29^{11} + 20 \cdot 29^{12} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 13 \cdot 29^{11} + 11 \cdot 29^{12} + 2 \cdot 29^{13} + 4 \cdot 29^{14} + 3 \cdot 29^{15} + 28 \cdot 29^{16} + 10 \cdot 29^{17} + 18 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 17 \cdot 29^{11} + 8 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 19 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 16 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 8) = 11 \cdot 29^{11} + 29^{12} + 2 \cdot 29^{13} + 16 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 7, 1) = 9 \cdot 29^{11} + 12 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 7 \cdot 29^{15} + 15 \cdot 29^{16} + 29^{17} + 24 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 6, 2) = 6 \cdot 29^{11} + 27 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 6, 1, 1) = 14 \cdot 29^{11} + 9 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 4 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 5, 3) = 17 \cdot 29^{12} + 6 \cdot 29^{13} + 3 \cdot 29^{14} + 10 \cdot 29^{15} + 3 \cdot 29^{16} + 18 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 5, 2, 1) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 20 \cdot 29^{13} + 27 \cdot 29^{14} + 6 \cdot 29^{15} + 18 \cdot 29^{16} + 21 \cdot 29^{17} + 12 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 5, 1, 2) = 4 \cdot 29^{11} + 9 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 7 \cdot 29^{16} + 26 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 5, 1, 1, 1) = 20 \cdot 29^{11} + 12 \cdot 29^{12} + 7 \cdot 29^{13} + 21 \cdot 29^{14} + 17 \cdot 29^{15} + 4 \cdot 29^{16} + 2 \cdot 29^{17} + 17 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 4) = 16 \cdot 29^{11} + 18 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 3, 1) = 2 \cdot 29^{11} + 14 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 2, 2) = 11 \cdot 29^{11} + 27 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 2, 1, 1) = 4 \cdot 29^{11} + 11 \cdot 29^{12} + 13 \cdot 29^{13} + 9 \cdot 29^{14} + 19 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 3) = 22 \cdot 29^{11} + 6 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 2, 1) = 24 \cdot 29^{11} + 27 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 15 \cdot 29^{15} + 22 \cdot 29^{16} + 5 \cdot 29^{17} + 9 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 2) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 9 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 3 \cdot 29^{16} + 17 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 1, 1) = 26 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 5) = 16 \cdot 29^{11} + 18 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 21 \cdot 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 16 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 4, 1) = 6 \cdot 29^{12} + 26 \cdot 29^{13} + 24 \cdot 29^{14} + 22 \cdot 29^{15} + 23 \cdot 29^{16} + 10 \cdot 29^{17} + 23 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 3, 2) = 16 \cdot 29^{11} + 13 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 3, 1, 1) = 18 \cdot 29^{11} + 16 \cdot 29^{12} + 18 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 12 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 3) = 14 \cdot 29^{11} + 18 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 14 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 2, 1) = 22 \cdot 29^{11} + 14 \cdot 29^{12} + 4 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 2) = 8 \cdot 29^{11} + 23 \cdot 29^{12} + 23 \cdot 29^{13} + 26 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 1, 1) = 20 \cdot 29^{11} + 20 \cdot 29^{12} + 28 \cdot 29^{13} + 25 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 4) = 24 \cdot 29^{11} + 24 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{17} + 28 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 3, 1) = 8 \cdot 29^{11} + 2 \cdot 29^{12} + 18 \cdot 29^{13} + 12 \cdot 29^{14} + 8 \cdot 29^{15} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 12 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 2) = 7 \cdot 29^{11} + 12 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 1, 1) = 5 \cdot 29^{11} + 23 \cdot 29^{12} + 25 \cdot 29^{13} + 10 \cdot 29^{14} + 5 \cdot 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 24 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 3) = 14 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 2, 1) = 25 \cdot 29^{11} + 22 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 25 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 2) = 13 \cdot 29^{11} + 3 \cdot 29^{12} + 7 \cdot 29^{13} + 27 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 18 \cdot 29^{11} + 2 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 6) = 28 \cdot 29^{11} + 9 \cdot 29^{12} + 10 \cdot 29^{13} + 8 \cdot 29^{14} + 16 \cdot 29^{15} + 21 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 5, 1) = 17 \cdot 29^{11} + 8 \cdot 29^{12} + 29^{13} + 3 \cdot 29^{14} + 10 \cdot 29^{15} + 29^{16} + 27 \cdot 29^{17} + 7 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 4, 2) = 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 26 \cdot 29^{15} + 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 4, 1, 1) = 12 \cdot 29^{11} + 19 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 29^{15} + 15 \cdot 29^{16} + 8 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 3) = 8 \cdot 29^{11} + 25 \cdot 29^{12} + 6 \cdot 29^{13} + 26 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{17} + 7 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 2, 1) = 26 \cdot 29^{11} + 2 \cdot 29^{12} + 21 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 2) = 7 \cdot 29^{11} + 17 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{17} + 23 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 1, 1) = 14 \cdot 29^{11} + 21 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 7 \cdot 29^{17} + 8 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 4) = 5 \cdot 29^{11} + 19 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{14} + 15 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 3, 1) = 18 \cdot 29^{11} + 10 \cdot 29^{12} + 18 \cdot 29^{13} + 23 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 26 \cdot 29^{17} + 13 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 2) = 24 \cdot 29^{11} + 11 \cdot 29^{12} + 12 \cdot 29^{13} + 3 \cdot 29^{14} + 24 \cdot 29^{15} + 2 \cdot 29^{16} + 15 \cdot 29^{17} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 1, 1) = 8 \cdot 29^{11} + 29^{12} + 12 \cdot 29^{13} + 20 \cdot 29^{14} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 3) = 15 \cdot 29^{11} + 11 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 28 \cdot 29^{15} + 12 \cdot 29^{16} + 11 \cdot 29^{17} + 17 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 2, 1) = 25 \cdot 29^{11} + 13 \cdot 29^{12} + 18 \cdot 29^{13} + 15 \cdot 29^{14} + 15 \cdot 29^{15} + 26 \cdot 29^{16} + 8 \cdot 29^{17} + 2 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 2) = 18 \cdot 29^{11} + 23 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 7 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 23 \cdot 29^{11} + 2 \cdot 29^{12} + 15 \cdot 29^{13} + 21 \cdot 29^{14} + 7 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 7 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 5) = 16 \cdot 29^{11} + 18 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 21 \cdot 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 16 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 4, 1) = 20 \cdot 29^{11} + 18 \cdot 29^{12} + 19 \cdot 29^{13} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 2) = 21 \cdot 29^{11} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 1, 1) = 3 \cdot 29^{11} + 29^{12} + 13 \cdot 29^{13} + 17 \cdot 29^{14} + 7 \cdot 29^{15} + 29^{16} + 3 \cdot 29^{17} + 28 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 3) = 10 \cdot 29^{11} + 9 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 23 \cdot 29^{15} + 4 \cdot 29^{16} + 10 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 2, 1) = 8 \cdot 29^{11} + 6 \cdot 29^{13} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 16 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 2) = 18 \cdot 29^{11} + 10 \cdot 29^{12} + 3 \cdot 29^{13} + 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 25 \cdot 29^{11} + 20 \cdot 29^{12} + 13 \cdot 29^{13} + 21 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 11 \cdot 29^{17} + 28 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 4) = 16 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 3, 1) = 2 \cdot 29^{11} + 6 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 2) = 20 \cdot 29^{11} + 15 \cdot 29^{12} + 21 \cdot 29^{13} + 2 \cdot 29^{14} + 21 \cdot 29^{15} + 13 \cdot 29^{16} + 17 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 15 \cdot 29^{11} + 9 \cdot 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 3) = 18 \cdot 29^{11} + 5 \cdot 29^{12} + 16 \cdot 29^{13} + 7 \cdot 29^{14} + 2 \cdot 29^{15} + 10 \cdot 29^{16} + 13 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 22 \cdot 29^{11} + 27 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 15 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 18 \cdot 29^{11} + 27 \cdot 29^{12} + 16 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 7) = 14 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 6, 1) = 20 \cdot 29^{11} + 12 \cdot 29^{12} + 7 \cdot 29^{13} + 6 \cdot 29^{14} + 24 \cdot 29^{16} + 7 \cdot 29^{17} + 7 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 5, 2) = 28 \cdot 29^{11} + 20 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 22 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 5, 1, 1) = 16 \cdot 29^{11} + 23 \cdot 29^{12} + 20 \cdot 29^{13} + 25 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 4 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 3) = 19 \cdot 29^{11} + 26 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{14} + 18 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 17 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 2, 1) = 14 \cdot 29^{11} + 21 \cdot 29^{12} + 20 \cdot 29^{13} + 7 \cdot 29^{14} + 12 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 2 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 2) = 11 \cdot 29^{11} + 10 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 1, 1) = 13 \cdot 29^{11} + 6 \cdot 29^{12} + 29^{13} + 20 \cdot 29^{14} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 4) = 24 \cdot 29^{11} + 29^{12} + 4 \cdot 29^{13} + 3 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 3, 1) = 28 \cdot 29^{11} + 27 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 7 \cdot 29^{17} + 20 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 2) = 8 \cdot 29^{11} + 15 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{17} + 23 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 1, 1) = 25 \cdot 29^{11} + 12 \cdot 29^{12} + 16 \cdot 29^{13} + 16 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 10 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 3) = 3 \cdot 29^{11} + 2 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 2, 1) = 7 \cdot 29^{11} + 3 \cdot 29^{12} + 2 \cdot 29^{13} + 19 \cdot 29^{14} + 28 \cdot 29^{15} + 21 \cdot 29^{16} + 10 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 2) = 10 \cdot 29^{11} + 5 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 20 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 18 \cdot 29^{11} + 2 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 5) = 28 \cdot 29^{11} + 9 \cdot 29^{12} + 10 \cdot 29^{13} + 8 \cdot 29^{14} + 16 \cdot 29^{15} + 21 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 4, 1) = 19 \cdot 29^{11} + 22 \cdot 29^{12} + 12 \cdot 29^{13} + 27 \cdot 29^{14} + 3 \cdot 29^{15} + 9 \cdot 29^{16} + 21 \cdot 29^{17} + 13 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 2) = 2 \cdot 29^{11} + 13 \cdot 29^{12} + 25 \cdot 29^{13} + 3 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 1, 1) = 12 \cdot 29^{11} + 15 \cdot 29^{12} + 13 \cdot 29^{13} + 8 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 18 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 3) = 28 \cdot 29^{11} + 21 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 2, 1) = 29^{11} + 17 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 10 \cdot 29^{17} + 13 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 2) = 6 \cdot 29^{11} + 25 \cdot 29^{12} + 15 \cdot 29^{13} + 20 \cdot 29^{14} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 20 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 18 \cdot 29^{11} + 12 \cdot 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 17 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 4) = 15 \cdot 29^{11} + 15 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 3, 1) = 25 \cdot 29^{11} + 24 \cdot 29^{12} + 24 \cdot 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 13 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 2) = 14 \cdot 29^{11} + 9 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 5 \cdot 29^{11} + 28 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 12 \cdot 29^{15} + 3 \cdot 29^{17} + 9 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 3) = 16 \cdot 29^{11} + 8 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 21 \cdot 29^{11} + 14 \cdot 29^{12} + 20 \cdot 29^{13} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 21 \cdot 29^{11} + 24 \cdot 29^{12} + 21 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 19 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 19 \cdot 29^{11} + 29^{12} + 26 \cdot 29^{13} + 25 \cdot 29^{14} + 4 \cdot 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 6) = 14 \cdot 29^{11} + 2 \cdot 29^{12} + 7 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 5, 1) = 28 \cdot 29^{11} + 13 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 10 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 2) = 2 \cdot 29^{11} + 22 \cdot 29^{12} + 18 \cdot 29^{13} + 4 \cdot 29^{14} + 19 \cdot 29^{15} + 18 \cdot 29^{16} + 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 1, 1) = 26 \cdot 29^{11} + 25 \cdot 29^{12} + 8 \cdot 29^{13} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 2 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 3) = 27 \cdot 29^{11} + 2 \cdot 29^{12} + 13 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 2, 1) = 23 \cdot 29^{11} + 20 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 2) = 17 \cdot 29^{11} + 21 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 14 \cdot 29^{11} + 15 \cdot 29^{12} + 15 \cdot 29^{13} + 11 \cdot 29^{14} + 24 \cdot 29^{15} + 18 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 4) = 11 \cdot 29^{11} + 9 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 25 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 3, 1) = 2 \cdot 29^{11} + 3 \cdot 29^{12} + 5 \cdot 29^{13} + 20 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 2) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 6 \cdot 29^{13} + 25 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 2 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 28 \cdot 29^{11} + 22 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{15} + 19 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 3) = 19 \cdot 29^{12} + 7 \cdot 29^{13} + 18 \cdot 29^{14} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 12 \cdot 29^{11} + 7 \cdot 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 2 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 26 \cdot 29^{11} + 14 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 13 \cdot 29^{15} + 9 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 18 \cdot 29^{11} + 27 \cdot 29^{12} + 16 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 5) = 11 \cdot 29^{11} + 29^{12} + 2 \cdot 29^{13} + 16 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 4, 1) = 18 \cdot 29^{11} + 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 6 \cdot 29^{15} + 24 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 2) = 17 \cdot 29^{11} + 2 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 3 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 19 \cdot 29^{11} + 6 \cdot 29^{12} + 23 \cdot 29^{13} + 19 \cdot 29^{14} + 14 \cdot 29^{15} + 29^{16} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 3) = 10 \cdot 29^{12} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 12 \cdot 29^{16} + 12 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 29^{11} + 12 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{17} + 20 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 2) = 12 \cdot 29^{11} + 17 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 15 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 1) = 27 \cdot 29^{11} + 4 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 16 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 4) = 21 \cdot 29^{11} + 12 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{17} + 14 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 1) = 6 \cdot 29^{11} + 22 \cdot 29^{12} + 27 \cdot 29^{13} + 23 \cdot 29^{14} + 29^{15} + 13 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 2) = 15 \cdot 29^{11} + 19 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 9 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 29^{11} + 16 \cdot 29^{12} + 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 6 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 3) = 17 \cdot 29^{11} + 27 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2, 1) = 24 \cdot 29^{11} + 2 \cdot 29^{12} + 6 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 17 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 2) = 15 \cdot 29^{11} + 5 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \end{aligned}$$

10.13. weight 12 case.

$$\begin{aligned} \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(12) = O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(11, 1) = 27 \cdot 29^{12} + 13 \cdot 29^{14} + 10 \cdot 29^{15} + 25 \cdot 29^{16} + 6 \cdot 29^{17} + 25 \cdot 29^{18} + 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(10, 2) = 29^{12} + 27 \cdot 29^{13} + 2 \cdot 29^{14} + 12 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(10, 1, 1) = 11 \cdot 29^{12} + 25 \cdot 29^{13} + 5 \cdot 29^{14} + 12 \cdot 29^{15} + 27 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(9, 3) = 28 \cdot 29^{12} + 16 \cdot 29^{13} + 25 \cdot 29^{14} + 12 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(9, 2, 1) = 12 \cdot 29^{12} + 27 \cdot 29^{13} + 12 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 8 \cdot 29^{17} + 24 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(9, 1, 2) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 23 \cdot 29^{14} + 22 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 22 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(9, 1, 1, 1) = 19 \cdot 29^{12} + 12 \cdot 29^{13} + 10 \cdot 29^{14} + 27 \cdot 29^{15} + 6 \cdot 29^{16} + 15 \cdot 29^{17} + 11 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(8, 4) = 28 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(8, 3, 1) = 22 \cdot 29^{12} + 3 \cdot 29^{13} + 26 \cdot 29^{14} + 9 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(8, 2, 2) = 12 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(8, 2, 1, 1) = 2 \cdot 29^{12} + 6 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 20 \cdot 29^{16} + 20 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(8, 1, 3) = 18 \cdot 29^{12} + 2 \cdot 29^{13} + 29^{14} + 5 \cdot 29^{15} + 13 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(8, 1, 2, 1) = 7 \cdot 29^{12} + 16 \cdot 29^{13} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 9 \cdot 29^{16} + 4 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(8, 1, 1, 2) = 9 \cdot 29^{12} + 7 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(8, 1, 1, 1, 1) = 25 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 2 \cdot 29^{15} + 4 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(7, 5) = 13 \cdot 29^{12} + 11 \cdot 29^{13} + 15 \cdot 29^{14} + 27 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(7, 4, 1) = 18 \cdot 29^{12} + 8 \cdot 29^{13} + 12 \cdot 29^{14} + 11 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(7, 3, 2) = 25 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(7, 3, 1, 1) = 14 \cdot 29^{12} + 4 \cdot 29^{13} + 4 \cdot 29^{14} + 7 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(7, 2, 3) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 28 \cdot 29^{16} + 15 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\ \zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(7, 2, 2, 1) = 23 \cdot 29^{12} + 6 \cdot 29^{14} + 2 \cdot 29^{15} + 7 \cdot 29^{16} + 5 \cdot 29^{17} + 21 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(7, 2, 1, 2) = 15 \cdot 29^{12} + 26 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 3 \cdot 29^{17} + 7 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(7, 2, 1, 1, 1) = 20 \cdot 29^{12} + 5 \cdot 29^{13} + 17 \cdot 29^{14} + 21 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(7, 1, 4) = 11 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(7, 1, 3, 1) = 11 \cdot 29^{12} + 12 \cdot 29^{14} + 4 \cdot 29^{15} + 9 \cdot 29^{16} + 20 \cdot 29^{17} + 28 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(7, 1, 2, 2) = 22 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(7, 1, 2, 1, 1) = 24 \cdot 29^{12} + 10 \cdot 29^{13} + 22 \cdot 29^{15} + 29^{16} + 25 \cdot 29^{17} + 26 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(7, 1, 1, 3) = 13 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(7, 1, 1, 2, 1) = 9 \cdot 29^{12} + 8 \cdot 29^{13} + 17 \cdot 29^{14} + 5 \cdot 29^{15} + 19 \cdot 29^{16} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(7, 1, 1, 1, 2) = 10 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 5 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(7, 1, 1, 1, 1, 1) = 14 \cdot 29^{12} + 23 \cdot 29^{13} + 22 \cdot 29^{14} + 11 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(6, 6) = O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(6, 5, 1) = 4 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{14} + 20 \cdot 29^{15} + 4 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(6, 4, 2) = 27 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(6, 4, 1, 1) = 26 \cdot 29^{12} + 26 \cdot 29^{13} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 8 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(6, 3, 3) = 20 \cdot 29^{13} + 10 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 3 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(6, 3, 2, 1) = 29^{12} + 16 \cdot 29^{14} + 18 \cdot 29^{15} + 6 \cdot 29^{16} + 16 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(6, 3, 1, 2) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 2 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(6, 3, 1, 1, 1) = 8 \cdot 29^{12} + 7 \cdot 29^{13} + 11 \cdot 29^{14} + 16 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(6, 2, 4) = 12 \cdot 29^{12} + 23 \cdot 29^{13} + 20 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 9 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(6, 2, 3, 1) = 23 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 12 \cdot 29^{15} + 28 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(6, 2, 2, 2) = 13 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(6, 2, 2, 1, 1) = 22 \cdot 29^{12} + 14 \cdot 29^{13} + 29^{14} + 12 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(6, 2, 1, 3) = 19 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{14} + 22 \cdot 29^{16} + 17 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(6, 2, 1, 2, 1) = 27 \cdot 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 23 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(6, 2, 1, 1, 2) = 29^{12} + 14 \cdot 29^{13} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 21 \cdot 29^{17} + 20 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(6, 2, 1, 1, 1, 1) = 29^{12} + 5 \cdot 29^{13} + 13 \cdot 29^{15} + 26 \cdot 29^{16} + 28 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(6, 1, 5) = 8 \cdot 29^{12} + 21 \cdot 29^{13} + 6 \cdot 29^{14} + 12 \cdot 29^{15} + 17 \cdot 29^{16} + 25 \cdot 29^{17} + 16 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(6, 1, 4, 1) = 8 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 13 \cdot 29^{15} + 3 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(6, 1, 3, 2) = 9 \cdot 29^{12} + 23 \cdot 29^{13} + 25 \cdot 29^{14} + 6 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(6, 1, 3, 1, 1) = 27 \cdot 29^{12} + 10 \cdot 29^{13} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(6, 1, 2, 3) = 26 \cdot 29^{12} + 19 \cdot 29^{13} + 3 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(6, 1, 2, 2, 1) = 28 \cdot 29^{12} + 17 \cdot 29^{13} + 9 \cdot 29^{14} + 27 \cdot 29^{15} + 29^{16} + 26 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(6, 1, 2, 1, 2) = 16 \cdot 29^{12} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 14 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(6, 1, 2, 1, 1, 1) = 14 \cdot 29^{12} + 19 \cdot 29^{13} + 18 \cdot 29^{14} + 27 \cdot 29^{15} + 19 \cdot 29^{16} + 25 \cdot 29^{17} + 10 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(6, 1, 1, 4) = 13 \cdot 29^{12} + 28 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(6, 1, 1, 3, 1) = 27 \cdot 29^{12} + 7 \cdot 29^{13} + 21 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 25 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(6, 1, 1, 2, 2) = 11 \cdot 29^{12} + 22 \cdot 29^{13} + 2 \cdot 29^{14} + 8 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(6, 1, 1, 2, 1, 1) = 3 \cdot 29^{12} + 23 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 8 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(6, 1, 1, 1, 3) = 23 \cdot 29^{12} + 22 \cdot 29^{13} + 23 \cdot 29^{14} + 15 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 22 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(6, 1, 1, 1, 2, 1) = 10 \cdot 29^{12} + 4 \cdot 29^{13} + 6 \cdot 29^{14} + 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(6, 1, 1, 1, 1, 2) = 7 \cdot 29^{12} + 26 \cdot 29^{13} + 12 \cdot 29^{14} + 7 \cdot 29^{15} + 9 \cdot 29^{16} + 16 \cdot 29^{17} + 2 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(6, 1, 1, 1, 1, 1, 1) = 20 \cdot 29^{12} + 21 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 21 \cdot 29^{17} + 12 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(5, 7) = 29^{12} + 10 \cdot 29^{13} + 21 \cdot 29^{14} + 21 \cdot 29^{15} + 18 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(5, 6, 1) = 21 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(5, 5, 2) = 3 \cdot 29^{12} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 18 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(5, 5, 1, 1) = 24 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 23 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(5, 4, 3) = 21 \cdot 29^{12} + 26 \cdot 29^{14} + 10 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(5, 4, 2, 1) = 9 \cdot 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 10 \cdot 29^{16} + 9 \cdot 29^{17} + 5 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(5, 4, 1, 2) = 13 \cdot 29^{12} + 25 \cdot 29^{13} + 3 \cdot 29^{14} + 2 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(5, 4, 1, 1, 1) = 26 \cdot 29^{12} + 11 \cdot 29^{13} + 17 \cdot 29^{15} + 16 \cdot 29^{16} + 2 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(5, 3, 4) = 26 \cdot 29^{13} + 11 \cdot 29^{15} + 22 \cdot 29^{16} + 14 \cdot 29^{17} + 13 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(5, 3, 3, 1) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 7 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 20 \cdot 29^{17} + 7 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(5, 3, 2, 2) = 16 \cdot 29^{12} + 9 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(5, 3, 2, 1, 1) = 24 \cdot 29^{12} + 11 \cdot 29^{13} + 15 \cdot 29^{14} + 17 \cdot 29^{15} + 7 \cdot 29^{16} + 16 \cdot 29^{17} + 5 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(5, 3, 1, 3) = 4 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(5, 3, 1, 2, 1) = 3 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 5 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(5, 3, 1, 1, 2) = 25 \cdot 29^{12} + 8 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(5, 3, 1, 1, 1, 1) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(5, 2, 5) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(5, 2, 4, 1) = 2 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 23 \cdot 29^{16} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(5, 2, 3, 2) = 23 \cdot 29^{12} + 12 \cdot 29^{13} + 9 \cdot 29^{14} + 9 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(5, 2, 3, 1, 1) = 27 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 22 \cdot 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 10 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(5, 2, 2, 3) = 16 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 3 \cdot 29^{15} + 25 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(5, 2, 2, 2, 1) = 25 \cdot 29^{12} + 16 \cdot 29^{13} + 23 \cdot 29^{14} + 6 \cdot 29^{15} + 15 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(5, 2, 2, 1, 2) = 7 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(5, 2, 2, 1, 1, 1) = 5 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 13 \cdot 29^{16} + 2 \cdot 29^{17} + 5 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(5, 2, 1, 4) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 6 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(5, 2, 1, 3, 1) = 28 \cdot 29^{12} + 27 \cdot 29^{13} + 21 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 16 \cdot 29^{17} + 4 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(5, 2, 1, 2, 2) = 23 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(5, 2, 1, 2, 1, 1) = 15 \cdot 29^{12} + 20 \cdot 29^{13} + 5 \cdot 29^{14} + 4 \cdot 29^{15} + 22 \cdot 29^{16} + 16 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(5, 2, 1, 1, 3) = 5 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(5, 2, 1, 1, 2, 1) = 13 \cdot 29^{12} + 23 \cdot 29^{13} + 15 \cdot 29^{14} + 21 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(5, 2, 1, 1, 1, 2) = 13 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 6 \cdot 29^{15} + 3 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(5, 2, 1, 1, 1, 1) = 2 \cdot 29^{12} + 19 \cdot 29^{13} + 8 \cdot 29^{14} + 13 \cdot 29^{15} + 6 \cdot 29^{16} + 26 \cdot 29^{17} + 21 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(5, 1, 6) = 5 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(5, 1, 5, 1) = 8 \cdot 29^{12} + 13 \cdot 29^{13} + 9 \cdot 29^{14} + 19 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(5, 1, 4, 2) = 4 \cdot 29^{12} + 28 \cdot 29^{13} + 17 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(5, 1, 4, 1, 1) = 14 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 5 \cdot 29^{17} + 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(5, 1, 3, 3) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 18 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(5, 1, 3, 2, 1) = 12 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 25 \cdot 29^{15} + 26 \cdot 29^{16} + 15 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(5, 1, 3, 1, 2) = 5 \cdot 29^{12} + 19 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(5, 1, 3, 1, 1) = 25 \cdot 29^{12} + 12 \cdot 29^{13} + 6 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 19 \cdot 29^{17} + 21 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(5, 1, 2, 4) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 27 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(5, 1, 2, 3, 1) = 13 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 12 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(5, 1, 2, 2, 2) = 20 \cdot 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 28 \cdot 29^{15} + 19 \cdot 29^{17} + 14 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(5, 1, 2, 2, 1, 1) = 8 \cdot 29^{12} + 27 \cdot 29^{13} + 9 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 28 \cdot 29^{17} + 15 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(5, 1, 2, 1, 3) = 22 \cdot 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 17 \cdot 29^{16} + 21 \cdot 29^{17} + 6 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(5, 1, 2, 1, 2, 1) = 3 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(5, 1, 2, 1, 1, 2) = 6 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(5, 1, 2, 1, 1, 1, 1) = 22 \cdot 29^{12} + 6 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 27 \cdot 29^{16} + 6 \cdot 29^{17} + 24 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(5, 1, 1, 5) = 24 \cdot 29^{12} + 2 \cdot 29^{14} + 6 \cdot 29^{15} + 3 \cdot 29^{16} + 16 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(5, 1, 1, 4, 1) = 27 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(5, 1, 1, 3, 2) = 29^{12} + 4 \cdot 29^{13} + 29^{14} + 7 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(5, 1, 1, 3, 1, 1) = 5 \cdot 29^{12} + 11 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(5, 1, 1, 2, 3) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(5, 1, 1, 2, 2, 1) = 3 \cdot 29^{12} + 4 \cdot 29^{13} + 25 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 26 \cdot 29^{17} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(5, 1, 1, 2, 1, 2) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(5, 1, 1, 2, 1, 1, 1) = 6 \cdot 29^{12} + 12 \cdot 29^{13} + 8 \cdot 29^{14} + 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(5, 1, 1, 1, 4) = 28 \cdot 29^{12} + 9 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 10 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(5, 1, 1, 1, 3, 1) = 26 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 22 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(5, 1, 1, 1, 2, 2) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 15 \cdot 29^{17} + 15 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(5, 1, 1, 1, 2, 1, 1) = 9 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 24 \cdot 29^{15} + 19 \cdot 29^{16} + 26 \cdot 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(5, 1, 1, 1, 3) = 17 \cdot 29^{12} + 11 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(5, 1, 1, 1, 2, 1) = 11 \cdot 29^{12} + 15 \cdot 29^{13} + 20 \cdot 29^{14} + 21 \cdot 29^{15} + 15 \cdot 29^{16} + 26 \cdot 29^{17} + 28 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(5, 1, 1, 1, 1, 2) = 10 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 5 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(5, 1, 1, 1, 1, 1, 1) = 11 \cdot 29^{12} + 3 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 8 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(4, 8) = 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(4, 7, 1) = 18 \cdot 29^{12} + 21 \cdot 29^{13} + 16 \cdot 29^{14} + 14 \cdot 29^{15} + 15 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 6, 2) = 18 \cdot 29^{12} + 19 \cdot 29^{13} + 18 \cdot 29^{14} + 11 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 14 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 6, 1, 1) = 17 \cdot 29^{12} + 2 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 5, 3) = 8 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 5, 2, 1) = 28 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 11 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 5, 1, 2) = 23 \cdot 29^{12} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 19 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 5, 1, 1, 1) = 4 \cdot 29^{12} + 6 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 11 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 4, 4) = O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 4, 3, 1) = 14 \cdot 29^{12} + 11 \cdot 29^{13} + 19 \cdot 29^{14} + 16 \cdot 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 4, 2, 2) = 12 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 12 \cdot 29^{15} + 28 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 4, 2, 1, 1) = 3 \cdot 29^{12} + 16 \cdot 29^{13} + 24 \cdot 29^{14} + 21 \cdot 29^{15} + 23 \cdot 29^{16} + 13 \cdot 29^{17} + 14 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 4, 1, 3) = 13 \cdot 29^{13} + 19 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 4, 1, 2, 1) = 3 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 9 \cdot 29^{15} + 2 \cdot 29^{16} + 5 \cdot 29^{17} + 7 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 4, 1, 1, 2) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 27 \cdot 29^{15} + 7 \cdot 29^{16} + 5 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 4, 1, 1, 1, 1) = 10 \cdot 29^{12} + 24 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 4 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 3, 5) = 9 \cdot 29^{12} + 22 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 3, 4, 1) = 14 \cdot 29^{12} + 5 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 3, 3, 2) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 28 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 3, 3, 1, 1) = 19 \cdot 29^{12} + 21 \cdot 29^{14} + 18 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 3, 2, 3) = 29^{12} + 20 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 3, 2, 2, 1) = 2 \cdot 29^{12} + 27 \cdot 29^{13} + 18 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 3, 2, 1, 2) = 4 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 3 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 3, 2, 1, 1, 1) = 23 \cdot 29^{12} + 11 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 12 \cdot 29^{16} + 28 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 3, 1, 4) = 25 \cdot 29^{12} + 10 \cdot 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 6 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 3, 1, 3, 1) = 23 \cdot 29^{12} + 12 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 3, 1, 2, 2) = 9 \cdot 29^{12} + 8 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 26 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 3, 1, 2, 1, 1) = 14 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 3, 1, 1, 3) = 16 \cdot 29^{12} + 26 \cdot 29^{13} + 3 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 3, 1, 1, 2, 1) = 15 \cdot 29^{12} + 11 \cdot 29^{13} + 17 \cdot 29^{14} + 2 \cdot 29^{15} + 3 \cdot 29^{16} + 17 \cdot 29^{17} + 28 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 3, 1, 1, 1, 2) = 6 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 3, 1, 1, 1, 1) = 27 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(4, 2, 6) = 11 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(4, 2, 5, 1) = 25 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 25 \cdot 29^{15} + 17 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 2, 4, 2) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{17} + 20 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 2, 4, 1, 1) = 21 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{14} + 18 \cdot 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 26 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 2, 3, 3) = 19 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 2, 3, 2, 1) = 5 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 11 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 2, 3, 1, 2) = 15 \cdot 29^{12} + 8 \cdot 29^{13} + 6 \cdot 29^{14} + 2 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 2, 3, 1, 1, 1) = 25 \cdot 29^{12} + 23 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 2, 2, 4) = 14 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 2, 2, 3, 1) = 5 \cdot 29^{12} + 27 \cdot 29^{13} + 12 \cdot 29^{14} + 28 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 2, 2, 2, 2) = 29^{12} + 23 \cdot 29^{13} + 8 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 2, 2, 2, 1, 1) = 24 \cdot 29^{12} + 8 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 12 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 2, 2, 1, 3) = 10 \cdot 29^{12} + 24 \cdot 29^{13} + 23 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 16 \cdot 29^{17} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 2, 2, 1, 2, 1) = 6 \cdot 29^{12} + 12 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 2, 2, 1, 1, 2) = 5 \cdot 29^{12} + 3 \cdot 29^{13} + 24 \cdot 29^{14} + 4 \cdot 29^{15} + 9 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 2, 2, 1, 1, 1, 1) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 27 \cdot 29^{14} + 22 \cdot 29^{15} + 13 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 2, 1, 5) = 23 \cdot 29^{12} + 28 \cdot 29^{13} + 6 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 25 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 2, 1, 4, 1) = 6 \cdot 29^{12} + 29^{13} + 29^{14} + 3 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 26 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 2, 1, 3, 2) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 2, 1, 3, 1, 1) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 21 \cdot 29^{16} + 10 \cdot 29^{17} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 2, 1, 2, 3) = 5 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 2, 1, 2, 2, 1) = 28 \cdot 29^{12} + 6 \cdot 29^{13} + 17 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 2, 1, 2, 1, 2) = 28 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 2, 1, 2, 1, 1, 1) = 6 \cdot 29^{12} + 26 \cdot 29^{13} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 2, 1, 1, 4) = 16 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 8 \cdot 29^{15} + 15 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 2, 1, 1, 3, 1) = 15 \cdot 29^{12} + 10 \cdot 29^{13} + 26 \cdot 29^{14} + 26 \cdot 29^{15} + 23 \cdot 29^{16} + 25 \cdot 29^{17} + 9 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 2, 1, 1, 2, 2) = 12 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 22 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 2, 1, 1, 2, 1, 1) = 3 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 2, 1, 1, 1, 3) = 26 \cdot 29^{12} + 10 \cdot 29^{13} + 26 \cdot 29^{14} + 13 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 2, 1, 1, 1, 2, 1) = 21 \cdot 29^{12} + 23 \cdot 29^{13} + 21 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 2, 1, 1, 1, 1, 2) = 29^{12} + 14 \cdot 29^{13} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 21 \cdot 29^{17} + 20 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 2, 1, 1, 1, 1, 1, 1) = 14 \cdot 29^{12} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 16 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 7) = 10 \cdot 29^{12} + 16 \cdot 29^{13} + 27 \cdot 29^{14} + 3 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 6, 1) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 5, 2) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 3 \cdot 29^{17} + 23 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 5, 1, 1) = 14 \cdot 29^{12} + 29^{13} + 16 \cdot 29^{14} + 6 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 4, 3) = 11 \cdot 29^{12} + 4 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 4, 2, 1) = 13 \cdot 29^{12} + 7 \cdot 29^{13} + 18 \cdot 29^{14} + 7 \cdot 29^{15} + 13 \cdot 29^{16} + 6 \cdot 29^{17} + 12 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 4, 1, 2) = 9 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 7 \cdot 29^{17} + 3 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 4, 1, 1, 1) = 19 \cdot 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 16 \cdot 29^{15} + 12 \cdot 29^{16} + 4 \cdot 29^{17} + 14 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 3, 4) = 11 \cdot 29^{12} + 4 \cdot 29^{13} + 20 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 15 \cdot 29^{17} + 23 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 3, 3, 1) = 22 \cdot 29^{12} + 14 \cdot 29^{13} + 24 \cdot 29^{14} + 5 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 3, 2, 2) = 3 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 27 \cdot 29^{15} + 27 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 3, 2, 1, 1) = 2 \cdot 29^{12} + 27 \cdot 29^{13} + 3 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 3, 1, 3) = 16 \cdot 29^{12} + 23 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 3, 1, 2, 1) = 8 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 3, 1, 1, 2) = 22 \cdot 29^{12} + 28 \cdot 29^{14} + 5 \cdot 29^{15} + 4 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 3, 1, 1, 1, 1) = 4 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 2, 5) = 15 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 20 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 2, 4, 1) = 7 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 14 \cdot 29^{15} + 16 \cdot 29^{16} + 24 \cdot 29^{17} + 2 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 2, 3, 2) = 20 \cdot 29^{12} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 26 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 2, 3, 1, 1) = 13 \cdot 29^{12} + 2 \cdot 29^{13} + 21 \cdot 29^{14} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 2, 2, 3) = 7 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 10 \cdot 29^{17} + 26 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 2, 2, 2, 1) = 24 \cdot 29^{12} + 6 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{16} + 29^{17} + 16 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 2, 2, 1, 2) = 21 \cdot 29^{12} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 16 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 2, 2, 1, 1, 1) = 2 \cdot 29^{12} + 24 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 19 \cdot 29^{16} + 20 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 2, 1, 4) = 27 \cdot 29^{12} + 22 \cdot 29^{13} + 19 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 2, 1, 3, 1) = 10 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 28 \cdot 29^{16} + 20 \cdot 29^{17} + 8 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 2, 1, 2, 2) = 12 \cdot 29^{12} + 7 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 26 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 2, 1, 2, 1, 1) = 11 \cdot 29^{12} + 2 \cdot 29^{13} + 18 \cdot 29^{14} + 2 \cdot 29^{15} + 2 \cdot 29^{16} + 23 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 2, 1, 1, 3) = 12 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 10 \cdot 29^{17} + 8 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 2, 1, 1, 2, 1) = 15 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 10 \cdot 29^{17} + 11 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 2, 1, 1, 1, 2) = 25 \cdot 29^{12} + 8 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 2, 1, 1, 1, 1, 1) = 11 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 8 \cdot 29^{17} + 16 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 6) = 21 \cdot 29^{12} + 20 \cdot 29^{14} + 4 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 5, 1) = 28 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 13 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 4, 2) = 19 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 15 \cdot 29^{15} + 27 \cdot 29^{16} + 9 \cdot 29^{17} + 16 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 4, 1, 1) = 9 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 3, 3) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 19 \cdot 29^{14} + 22 \cdot 29^{15} + 3 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 3, 2, 1) = 16 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 8 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 3, 1, 2) = 22 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 17 \cdot 29^{15} + 7 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 3, 1, 1, 1) = 27 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 2, 4) = 3 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 23 \cdot 29^{16} + 8 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 2, 3, 1) = 4 \cdot 29^{12} + 3 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 2, 2, 2) = 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 13 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 2, 2, 1, 1) = 9 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{16} + 11 \cdot 29^{17} + 28 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 2, 1, 3) = 9 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 2, 1, 2, 1) = 28 \cdot 29^{12} + 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 2, 1, 1, 2) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 27 \cdot 29^{15} + 7 \cdot 29^{16} + 5 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 2, 1, 1, 1, 1) = 12 \cdot 29^{12} + 22 \cdot 29^{13} + 3 \cdot 29^{14} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 5) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 4, 1) = 13 \cdot 29^{13} + 25 \cdot 29^{14} + 7 \cdot 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 21 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 3, 2) = 7 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 3, 1, 1) = 11 \cdot 29^{12} + 24 \cdot 29^{13} + 14 \cdot 29^{14} + 4 \cdot 29^{16} + 21 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 2, 3) = 5 \cdot 29^{12} + 7 \cdot 29^{13} + 14 \cdot 29^{14} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 16 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 2, 2, 1) = 17 \cdot 29^{13} + 17 \cdot 29^{14} + 6 \cdot 29^{15} + 26 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 2, 1, 2) = 6 \cdot 29^{12} + 2 \cdot 29^{13} + 25 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 2, 1, 1, 1) = 12 \cdot 29^{12} + 5 \cdot 29^{13} + 9 \cdot 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{17} + 26 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 4) = 6 \cdot 29^{12} + 22 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 16 \cdot 29^{17} + 11 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 3, 1) = 2 \cdot 29^{12} + 20 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 4 \cdot 29^{16} + 5 \cdot 29^{17} + 28 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 2, 2) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 2, 1, 1) = 22 \cdot 29^{12} + 2 \cdot 29^{13} + 23 \cdot 29^{14} + 2 \cdot 29^{15} + 17 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 3) = 18 \cdot 29^{12} + 16 \cdot 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{15} + 10 \cdot 29^{16} + 9 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 2, 1) = 19 \cdot 29^{12} + 28 \cdot 29^{13} + 6 \cdot 29^{14} + 11 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 3 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 1, 2) = 9 \cdot 29^{12} + 7 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 29^{12} + 6 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 9) = 14 \cdot 29^{12} + 20 \cdot 29^{13} + 8 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 18 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 8, 1) = 14 \cdot 29^{12} + 12 \cdot 29^{13} + 14 \cdot 29^{14} + 9 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 8 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 7, 2) = 9 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 7, 1, 1) = 14 \cdot 29^{12} + 6 \cdot 29^{13} + 29^{14} + 15 \cdot 29^{15} + 2 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 6, 3) = 14 \cdot 29^{12} + 4 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 6, 2, 1) = 29^{12} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 10 \cdot 29^{16} + 16 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 6, 1, 2) = 28 \cdot 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 6, 1, 1, 1) = 19 \cdot 29^{12} + 29^{13} + 8 \cdot 29^{14} + 8 \cdot 29^{15} + 29^{16} + 7 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 5, 4) = 23 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 5, 3, 1) = 11 \cdot 29^{13} + 22 \cdot 29^{14} + 20 \cdot 29^{15} + 19 \cdot 29^{16} + 29^{17} + 6 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 5, 2, 2) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 19 \cdot 29^{15} + 5 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 5, 2, 1, 1) = 20 \cdot 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 18 \cdot 29^{15} + 7 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 5, 1, 3) = 12 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 15 \cdot 29^{15} + 9 \cdot 29^{16} + 15 \cdot 29^{17} + 12 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 5, 1, 2, 1) = 29^{12} + 14 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 5, 1, 1, 2) = 6 \cdot 29^{12} + 2 \cdot 29^{13} + 25 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 5, 1, 1, 1, 1) = 7 \cdot 29^{12} + 22 \cdot 29^{13} + 11 \cdot 29^{15} + 21 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 4, 5) = 28 \cdot 29^{12} + 15 \cdot 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 21 \cdot 29^{16} + 4 \cdot 29^{17} + 25 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 4, 4, 1) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 16 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 4, 3, 2) = 5 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 4, 3, 1, 1) = 24 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 2 \cdot 29^{15} + 23 \cdot 29^{16} + 21 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 4, 2, 3) = 8 \cdot 29^{12} + 20 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 4, 2, 2, 1) = 11 \cdot 29^{12} + 18 \cdot 29^{14} + 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 4, 2, 1, 2) = 18 \cdot 29^{12} + 14 \cdot 29^{13} + 22 \cdot 29^{14} + 5 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 3 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 4, 2, 1, 1, 1) = 27 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 14 \cdot 29^{15} + 10 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 4, 1, 4) = 2 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 4, 1, 3, 1) = 6 \cdot 29^{12} + 14 \cdot 29^{13} + 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 20 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 4, 1, 2, 2) = 2 \cdot 29^{12} + 7 \cdot 29^{13} + 2 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 4, 1, 2, 1, 1) = 15 \cdot 29^{12} + 22 \cdot 29^{13} + 9 \cdot 29^{14} + 28 \cdot 29^{15} + 27 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 4, 1, 1, 3) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 4 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 4, 1, 1, 2, 1) = 10 \cdot 29^{12} + 22 \cdot 29^{13} + 6 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 19 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 4, 1, 1, 1, 2) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 4, 1, 1, 1, 1, 1) = 18 \cdot 29^{12} + 3 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 3, 6) = 2 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 16 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 3, 5, 1) = 13 \cdot 29^{12} + 8 \cdot 29^{13} + 2 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 3, 4, 2) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 24 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 3, 4, 1, 1) = 27 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 3, 3, 3) = 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 3, 3, 2, 1) = 14 \cdot 29^{12} + 15 \cdot 29^{13} + 15 \cdot 29^{14} + 2 \cdot 29^{15} + 12 \cdot 29^{16} + 9 \cdot 29^{17} + 9 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 3, 3, 1, 2) = 8 \cdot 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 4 \cdot 29^{15} + 9 \cdot 29^{16} + 20 \cdot 29^{17} + 11 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 3, 3, 1, 1, 1) = 9 \cdot 29^{12} + 14 \cdot 29^{13} + 9 \cdot 29^{14} + 18 \cdot 29^{15} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 3, 2, 4) = 6 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 8 \cdot 29^{15} + 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 3, 2, 3, 1) = 2 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 19 \cdot 29^{17} + 4 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 3, 2, 2, 2) = 27 \cdot 29^{12} + 2 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 18 \cdot 29^{17} + 5 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 3, 2, 2, 1, 1) = 25 \cdot 29^{12} + 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 15 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 3, 2, 1, 3) = 3 \cdot 29^{12} + 12 \cdot 29^{13} + 24 \cdot 29^{14} + 13 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 3, 2, 1, 2, 1) = 14 \cdot 29^{12} + 16 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 3, 2, 1, 1, 2) = 28 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 3, 2, 1, 1, 1, 1) = 9 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 28 \cdot 29^{17} + 6 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 3, 1, 5) = 25 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 26 \cdot 29^{17} + 7 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 3, 1, 4, 1) = 4 \cdot 29^{12} + 29^{13} + 14 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 22 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 3, 1, 3, 2) = 18 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 25 \cdot 29^{16} + 3 \cdot 29^{17} + 2 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 3, 1, 3, 1, 1) = 2 \cdot 29^{12} + 3 \cdot 29^{13} + 22 \cdot 29^{14} + 12 \cdot 29^{15} + 26 \cdot 29^{16} + 18 \cdot 29^{17} + 14 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 3, 1, 2, 3) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 29^{16} + 6 \cdot 29^{17} + 18 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 3, 1, 2, 2, 1) = 17 \cdot 29^{12} + 16 \cdot 29^{13} + 20 \cdot 29^{14} + 8 \cdot 29^{15} + 14 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 3, 1, 2, 1, 2) = 14 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 3, 1, 2, 1, 1, 1) = 24 \cdot 29^{12} + 29^{13} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 5 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 3, 1, 1, 4) = 5 \cdot 29^{12} + 14 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 3, 1, 1, 3, 1) = 19 \cdot 29^{12} + 27 \cdot 29^{13} + 15 \cdot 29^{15} + 7 \cdot 29^{16} + 12 \cdot 29^{17} + 8 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 3, 1, 1, 2, 2) = 4 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 27 \cdot 29^{16} + 22 \cdot 29^{17} + 7 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 3, 1, 1, 2, 1, 1) = 26 \cdot 29^{12} + 20 \cdot 29^{13} + 3 \cdot 29^{14} + 5 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 3, 1, 1, 1, 3) = 5 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 3, 1, 1, 1, 2, 1) = 13 \cdot 29^{12} + 8 \cdot 29^{13} + 5 \cdot 29^{14} + 29^{15} + 15 \cdot 29^{16} + 28 \cdot 29^{17} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 3, 1, 1, 1, 1, 2) = 16 \cdot 29^{12} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 14 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 3, 1, 1, 1, 1, 1, 1) = 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 27 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 7) = 14 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 15 \cdot 29^{15} + 13 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 6, 1) = 14 \cdot 29^{12} + 18 \cdot 29^{13} + 24 \cdot 29^{14} + 4 \cdot 29^{15} + 22 \cdot 29^{16} + 26 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 5, 2) = 23 \cdot 29^{12} + 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 11 \cdot 29^{17} + 27 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 5, 1, 1) = 20 \cdot 29^{12} + 26 \cdot 29^{13} + 28 \cdot 29^{14} + 2 \cdot 29^{15} + 15 \cdot 29^{16} + 14 \cdot 29^{17} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 4, 3) = 13 \cdot 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 13 \cdot 29^{16} + 18 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 4, 2, 1) = 23 \cdot 29^{12} + 7 \cdot 29^{14} + 26 \cdot 29^{15} + 14 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 4, 1, 2) = 22 \cdot 29^{12} + 14 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 4, 1, 1, 1) = 5 \cdot 29^{12} + 28 \cdot 29^{13} + 6 \cdot 29^{14} + 24 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 2 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 3, 4) = 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 26 \cdot 29^{15} + 14 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 3, 3, 1) = 14 \cdot 29^{12} + 12 \cdot 29^{13} + 10 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 3, 2, 2) = 21 \cdot 29^{12} + 4 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 3, 2, 1, 1) = 9 \cdot 29^{12} + 17 \cdot 29^{13} + 17 \cdot 29^{14} + 4 \cdot 29^{15} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 3, 1, 3) = 17 \cdot 29^{12} + 6 \cdot 29^{13} + 10 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 3, 1, 2, 1) = 18 \cdot 29^{12} + 16 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 12 \cdot 29^{17} + 16 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 3, 1, 1, 2) = 21 \cdot 29^{12} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 16 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 3, 1, 1, 1, 1) = 10 \cdot 29^{12} + 12 \cdot 29^{13} + 2 \cdot 29^{15} + 22 \cdot 29^{16} + 8 \cdot 29^{17} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 2, 5) = 8 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 28 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 2, 4, 1) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 18 \cdot 29^{14} + 4 \cdot 29^{15} + 14 \cdot 29^{16} + 19 \cdot 29^{17} + 2 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 2, 3, 2) = 4 \cdot 29^{12} + 3 \cdot 29^{13} + 3 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{16} + 5 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 2, 3, 1, 1) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 2, 2, 3) = 17 \cdot 29^{12} + 17 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 20 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 2, 2, 2, 1) = 5 \cdot 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 2, 2, 1, 2) = 25 \cdot 29^{12} + 5 \cdot 29^{13} + 21 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 8 \cdot 29^{17} + 11 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 2, 2, 1, 1, 1) = 11 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 13 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 2, 1, 4) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 27 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 2, 1, 3, 1) = 3 \cdot 29^{13} + 5 \cdot 29^{14} + 25 \cdot 29^{15} + 9 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 2, 1, 2, 2) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 11 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 2, 1, 2, 1, 1) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 13 \cdot 29^{14} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 2, 1, 1, 3) = 14 \cdot 29^{12} + 11 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 17 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 2, 1, 1, 2, 1) = 15 \cdot 29^{13} + 16 \cdot 29^{14} + 20 \cdot 29^{15} + 25 \cdot 29^{16} + 3 \cdot 29^{17} + 20 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 2, 1, 1, 1, 2) = 7 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 8 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 2, 1, 1, 1, 1, 1) = 4 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 6) = 2 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 5, 1) = 18 \cdot 29^{12} + 13 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 9 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 4, 2) = 7 \cdot 29^{12} + 7 \cdot 29^{13} + 14 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 4, 1, 1) = 17 \cdot 29^{12} + 13 \cdot 29^{13} + 18 \cdot 29^{14} + 23 \cdot 29^{15} + 6 \cdot 29^{16} + 26 \cdot 29^{17} + 25 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 3, 3) = 4 \cdot 29^{12} + 20 \cdot 29^{13} + 3 \cdot 29^{14} + 19 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 3, 2, 1) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 3, 1, 2) = 27 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 8 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 3, 1, 1, 1) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 2, 4) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 2, 3, 1) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 22 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 2, 2, 2) = 21 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 15 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 2, 2, 1, 1) = 11 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 25 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 2, 1, 3) = 3 \cdot 29^{12} + 9 \cdot 29^{13} + 18 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 2, 1, 2, 1) = 29^{12} + 18 \cdot 29^{13} + 21 \cdot 29^{14} + 6 \cdot 29^{15} + 15 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 2, 1, 1, 2) = 4 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 3 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 2, 1, 1, 1, 1) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 11 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 16 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 5) = 21 \cdot 29^{12} + 20 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 4, 1) = 2 \cdot 29^{12} + 10 \cdot 29^{13} + 25 \cdot 29^{14} + 15 \cdot 29^{15} + 12 \cdot 29^{16} + 15 \cdot 29^{17} + 4 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 3, 2) = 27 \cdot 29^{12} + 6 \cdot 29^{13} + 6 \cdot 29^{14} + 23 \cdot 29^{15} + 15 \cdot 29^{16} + 4 \cdot 29^{17} + 16 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 3, 1, 1) = 4 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 2, 3) = 25 \cdot 29^{12} + 12 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 2, 2, 1) = 4 \cdot 29^{13} + 3 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 2, 1, 2) = 18 \cdot 29^{12} + 14 \cdot 29^{13} + 22 \cdot 29^{14} + 5 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 3 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 2, 1, 1, 1) = 13 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{14} + 15 \cdot 29^{15} + 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 4) = 2 \cdot 29^{12} + 20 \cdot 29^{13} + 15 \cdot 29^{14} + 2 \cdot 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 13 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 3, 1) = 2 \cdot 29^{12} + 21 \cdot 29^{13} + 3 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 15 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 2, 2) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 26 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 2, 1, 1) = 17 \cdot 29^{12} + 25 \cdot 29^{13} + 15 \cdot 29^{14} + 9 \cdot 29^{15} + 5 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 3) = 24 \cdot 29^{12} + 21 \cdot 29^{13} + 20 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 2, 1) = 20 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 24 \cdot 29^{15} + 20 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 1, 2) = 15 \cdot 29^{12} + 26 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 3 \cdot 29^{17} + 7 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 29^{12} + 28 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 16 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 8) = 10 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 21 \cdot 29^{15} + 29^{16} + 22 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 7, 1) = 18 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 10 \cdot 29^{15} + 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 6, 2) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 20 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 6, 1, 1) = 28 \cdot 29^{13} + 15 \cdot 29^{14} + 16 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 5, 3) = 15 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 3 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 5, 2, 1) = 5 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 5, 1, 2) = 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 20 \cdot 29^{15} + 9 \cdot 29^{16} + 22 \cdot 29^{17} + 7 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 5, 1, 1, 1) = 10 \cdot 29^{12} + 23 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 4, 4) = 8 \cdot 29^{12} + 29^{13} + 11 \cdot 29^{14} + 27 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 4, 3, 1) = 13 \cdot 29^{12} + 11 \cdot 29^{13} + 16 \cdot 29^{14} + 26 \cdot 29^{15} + 6 \cdot 29^{16} + 7 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 4, 2, 2) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 4, 2, 1, 1) = 5 \cdot 29^{12} + 13 \cdot 29^{13} + 26 \cdot 29^{15} + 6 \cdot 29^{16} + 7 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 4, 1, 3) = 14 \cdot 29^{12} + 20 \cdot 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 4, 1, 2, 1) = 4 \cdot 29^{12} + 23 \cdot 29^{13} + 6 \cdot 29^{14} + 2 \cdot 29^{16} + 19 \cdot 29^{17} + 27 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 4, 1, 1, 2) = 22 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 17 \cdot 29^{15} + 7 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 4, 1, 1, 1, 1) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 3, 5) = 11 \cdot 29^{12} + 10 \cdot 29^{13} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 8 \cdot 29^{17} + 18 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 3, 4, 1) = 16 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 11 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 3, 3, 2) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 27 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 3, 3, 1, 1) = 3 \cdot 29^{12} + 13 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 11 \cdot 29^{16} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 3, 2, 3) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 3, 2, 2, 1) = 4 \cdot 29^{12} + 19 \cdot 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 14 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 3, 2, 1, 2) = 27 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 8 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 3, 2, 1, 1, 1) = 17 \cdot 29^{12} + 24 \cdot 29^{13} + 28 \cdot 29^{14} + 6 \cdot 29^{15} + 16 \cdot 29^{16} + 17 \cdot 29^{17} + 3 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 3, 1, 4) = 18 \cdot 29^{12} + 19 \cdot 29^{13} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 3, 1, 3, 1) = 7 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 6 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 3, 1, 2, 2) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 12 \cdot 29^{14} + 2 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 3, 1, 2, 1, 1) = 6 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 6 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 3, 1, 1, 3) = 29^{12} + 6 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 25 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 3, 1, 1, 2, 1) = 19 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 20 \cdot 29^{16} + 28 \cdot 29^{17} + 25 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 3, 1, 1, 1, 2) = 5 \cdot 29^{12} + 19 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 3, 1, 1, 1, 1, 1) = 21 \cdot 29^{12} + 8 \cdot 29^{13} + 8 \cdot 29^{15} + 28 \cdot 29^{16} + 5 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 6) = 15 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 5, 1) = 26 \cdot 29^{12} + 8 \cdot 29^{13} + 23 \cdot 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 9 \cdot 29^{17} + 9 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 4, 2) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 4, 1, 1) = 3 \cdot 29^{12} + 21 \cdot 29^{13} + 21 \cdot 29^{14} + 23 \cdot 29^{15} + 5 \cdot 29^{16} + 25 \cdot 29^{17} + 3 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 3, 3) = 25 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{16} + 16 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 3, 2, 1) = 23 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 14 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 3, 1, 2) = 27 \cdot 29^{12} + 13 \cdot 29^{13} + 18 \cdot 29^{14} + 6 \cdot 29^{15} + 12 \cdot 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 3, 1, 1, 1) = 17 \cdot 29^{12} + 23 \cdot 29^{13} + 26 \cdot 29^{14} + 13 \cdot 29^{15} + 3 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 2, 4) = 22 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 18 \cdot 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 2, 3, 1) = 25 \cdot 29^{12} + 6 \cdot 29^{13} + 23 \cdot 29^{14} + 3 \cdot 29^{15} + 11 \cdot 29^{16} + 13 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 2, 2, 2) = 6 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 2, 2, 1, 1) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 26 \cdot 29^{14} + 15 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 24 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 2, 1, 3) = 6 \cdot 29^{12} + 22 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 2, 1, 2, 1) = 21 \cdot 29^{12} + 20 \cdot 29^{13} + 9 \cdot 29^{14} + 2 \cdot 29^{15} + 18 \cdot 29^{16} + 18 \cdot 29^{17} + 19 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 2, 1, 1, 2) = 15 \cdot 29^{12} + 8 \cdot 29^{13} + 6 \cdot 29^{14} + 2 \cdot 29^{15} + 15 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 2, 1, 1, 1, 1) = 10 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 11 \cdot 29^{15} + 5 \cdot 29^{16} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 5) = 14 \cdot 29^{12} + 22 \cdot 29^{13} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 4, 1) = 15 \cdot 29^{12} + 19 \cdot 29^{13} + 2 \cdot 29^{14} + 21 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 3, 2) = 25 \cdot 29^{12} + 12 \cdot 29^{13} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 3, 1, 1) = 14 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 9 \cdot 29^{15} + 8 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 2, 3) = 21 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 15 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 2, 2, 1) = 28 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 5 \cdot 29^{15} + 14 \cdot 29^{16} + 13 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 2, 1, 2) = 8 \cdot 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 4 \cdot 29^{15} + 9 \cdot 29^{16} + 20 \cdot 29^{17} + 11 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 2, 1, 1, 1) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{15} + 8 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 4) = 9 \cdot 29^{12} + 24 \cdot 29^{13} + 20 \cdot 29^{14} + 5 \cdot 29^{15} + 17 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 3, 1) = 15 \cdot 29^{12} + 13 \cdot 29^{13} + 13 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 26 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 2, 2) = 3 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 20 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 2, 1, 1) = 10 \cdot 29^{12} + 13 \cdot 29^{14} + 16 \cdot 29^{15} + 20 \cdot 29^{16} + 13 \cdot 29^{17} + 6 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 3) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 14 \cdot 29^{15} + 4 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 2, 1) = 17 \cdot 29^{12} + 18 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 1, 2) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 2 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 14 \cdot 29^{12} + 13 \cdot 29^{13} + 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 7) = 28 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 6, 1) = 5 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 24 \cdot 29^{15} + 20 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 5, 2) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 5, 1, 1) = 16 \cdot 29^{12} + 7 \cdot 29^{13} + 10 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 4, 3) = 21 \cdot 29^{12} + 28 \cdot 29^{13} + 2 \cdot 29^{14} + 19 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 4, 2, 1) = 6 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 11 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 4, 1, 2) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 4, 1, 1, 1) = 25 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 3, 4) = 26 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 2 \cdot 29^{16} + 4 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 3, 3, 1) = 25 \cdot 29^{12} + 29^{13} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 20 \cdot 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 3, 2, 2) = 13 \cdot 29^{12} + 2 \cdot 29^{13} + 3 \cdot 29^{14} + 15 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 3, 2, 1, 1) = 2 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 29^{17} + 2 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 3, 1, 3) = 25 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 19 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 3, 1, 2, 1) = 10 \cdot 29^{12} + 2 \cdot 29^{13} + 27 \cdot 29^{14} + 17 \cdot 29^{15} + 17 \cdot 29^{16} + 9 \cdot 29^{17} + 12 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 3, 1, 1, 2) = 9 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 7 \cdot 29^{17} + 3 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 29^{12} + 16 \cdot 29^{13} + 28 \cdot 29^{14} + 12 \cdot 29^{15} + 7 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 5) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 4, 1) = 9 \cdot 29^{12} + 19 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 28 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 3, 2) = 28 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 12 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 3, 1, 1) = 10 \cdot 29^{12} + 26 \cdot 29^{13} + 14 \cdot 29^{14} + 15 \cdot 29^{15} + 11 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 2, 3) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 2, 2, 1) = 15 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 2, 1, 2) = 22 \cdot 29^{12} + 14 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 7 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 2, 1, 1, 1) = 9 \cdot 29^{12} + 14 \cdot 29^{13} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 4) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 3 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 3, 1) = 9 \cdot 29^{12} + 20 \cdot 29^{13} + 16 \cdot 29^{14} + 14 \cdot 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 5 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 2, 2) = 24 \cdot 29^{12} + 28 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 2 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 2, 1, 1) = 12 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 3) = 8 \cdot 29^{12} + 18 \cdot 29^{13} + 5 \cdot 29^{14} + 14 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 2, 1) = 18 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 24 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 1, 2) = 13 \cdot 29^{12} + 25 \cdot 29^{13} + 3 \cdot 29^{14} + 2 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 11 \cdot 29^{12} + 7 \cdot 29^{13} + 19 \cdot 29^{14} + 25 \cdot 29^{15} + 13 \cdot 29^{16} + 26 \cdot 29^{17} + 9 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 6) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 28 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 5, 1) = 11 \cdot 29^{12} + 12 \cdot 29^{13} + 18 \cdot 29^{14} + 22 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 7 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 4, 2) = 9 \cdot 29^{12} + 10 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 4, 1, 1) = 14 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 18 \cdot 29^{17} + 15 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 3, 3) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 29^{15} + 13 \cdot 29^{16} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 3, 2, 1) = 7 \cdot 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{15} + 12 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 3, 1, 2) = 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 20 \cdot 29^{15} + 9 \cdot 29^{16} + 22 \cdot 29^{17} + 7 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 3, 1, 1, 1) = 14 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 16 \cdot 29^{16} + 3 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 4) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 15 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 3, 1) = 2 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 16 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 2, 2) = 28 \cdot 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 2, 1, 1) = 15 \cdot 29^{12} + 20 \cdot 29^{13} + 25 \cdot 29^{15} + 7 \cdot 29^{16} + 24 \cdot 29^{17} + 13 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 3) = 24 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 18 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 2, 1) = 13 \cdot 29^{12} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 1, 2) = 23 \cdot 29^{12} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 19 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 21 \cdot 29^{12} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 5) = 15 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 2 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 4, 1) = 17 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 28 \cdot 29^{15} + 16 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 3, 2) = 8 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 3, 1, 1) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 19 \cdot 29^{14} + 27 \cdot 29^{15} + 14 \cdot 29^{16} + 10 \cdot 29^{17} + 22 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 3) = 26 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 2, 1) = 16 \cdot 29^{12} + 9 \cdot 29^{13} + 9 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 21 \cdot 29^{17} + 25 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 2) = 28 \cdot 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{16} + 17 \cdot 29^{17} + 2 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 4) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 28 \cdot 29^{15} + 16 \cdot 29^{16} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 3, 1) = 17 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 15 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 2, 2) = 28 \cdot 29^{12} + 9 \cdot 29^{13} + 11 \cdot 29^{14} + 16 \cdot 29^{15} + 3 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 7 \cdot 29^{15} + 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 3) = 10 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 21 \cdot 29^{16} + 6 \cdot 29^{17} + 22 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 2, 1) = 8 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 9 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 1, 2) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 23 \cdot 29^{14} + 22 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 22 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 19 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 25 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 10) = 28 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 16 \cdot 29^{15} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 17 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 9, 1) = 27 \cdot 29^{12} + 24 \cdot 29^{13} + 11 \cdot 29^{14} + 24 \cdot 29^{15} + 27 \cdot 29^{16} + 25 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 8, 2) = 5 \cdot 29^{12} + 27 \cdot 29^{13} + 27 \cdot 29^{14} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 8, 1, 1) = 18 \cdot 29^{12} + 25 \cdot 29^{13} + 22 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 7, 3) = 29^{12} + 7 \cdot 29^{13} + 15 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 4 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 7, 2, 1) = 5 \cdot 29^{12} + 19 \cdot 29^{13} + 19 \cdot 29^{14} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 6 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 7, 1, 2) = 28 \cdot 29^{12} + 9 \cdot 29^{13} + 11 \cdot 29^{14} + 16 \cdot 29^{15} + 3 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 7, 1, 1, 1) = 25 \cdot 29^{12} + 2 \cdot 29^{13} + 10 \cdot 29^{14} + 29^{15} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 6, 4) = 20 \cdot 29^{12} + 21 \cdot 29^{13} + 15 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 25 \cdot 29^{17} + 13 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 6, 3, 1) = 24 \cdot 29^{12} + 6 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 17 \cdot 29^{17} + 7 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 6, 2, 2) = 7 \cdot 29^{12} + 18 \cdot 29^{13} + 19 \cdot 29^{14} + 14 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 6, 2, 1, 1) = 3 \cdot 29^{12} + 27 \cdot 29^{13} + 2 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 15 \cdot 29^{17} + 17 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 6, 1, 3) = 7 \cdot 29^{12} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 6, 1, 2, 1) = 4 \cdot 29^{12} + 24 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 3 \cdot 29^{16} + 14 \cdot 29^{17} + 13 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 6, 1, 1, 2) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 24 \cdot 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 6, 1, 1, 1, 1) = 9 \cdot 29^{13} + 7 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 5, 5) = 25 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{14} + 13 \cdot 29^{15} + 27 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 5, 4, 1) = 3 \cdot 29^{12} + 25 \cdot 29^{13} + 6 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{17} + 4 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 5, 3, 2) = 4 \cdot 29^{12} + 10 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 5, 3, 1, 1) = 8 \cdot 29^{12} + 24 \cdot 29^{13} + 19 \cdot 29^{14} + 9 \cdot 29^{15} + 7 \cdot 29^{16} + 9 \cdot 29^{17} + 14 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 5, 2, 3) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 21 \cdot 29^{14} + 13 \cdot 29^{15} + 28 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 5, 2, 2, 1) = 13 \cdot 29^{12} + 29^{13} + 27 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 5, 2, 1, 2) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 26 \cdot 29^{17} + 22 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 5, 2, 1, 1, 1) = 17 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{15} + 17 \cdot 29^{16} + 23 \cdot 29^{17} + 26 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 5, 1, 4) = 22 \cdot 29^{12} + 7 \cdot 29^{13} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 18 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 5, 1, 3, 1) = 11 \cdot 29^{12} + 23 \cdot 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 5, 1, 2, 2) = 3 \cdot 29^{12} + 5 \cdot 29^{13} + 16 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 21 \cdot 29^{17} + 2 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 5, 1, 2, 1, 1) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 5, 1, 1, 3) = 23 \cdot 29^{12} + 23 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 5, 1, 1, 2, 1) = 18 \cdot 29^{12} + 2 \cdot 29^{13} + 15 \cdot 29^{14} + 8 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 5, 1, 1, 1, 2) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 15 \cdot 29^{17} + 15 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 5, 1, 1, 1, 1, 1) = 22 \cdot 29^{12} + 25 \cdot 29^{13} + 19 \cdot 29^{14} + 22 \cdot 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 4, 6) = 28 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 17 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 4, 5, 1) = 10 \cdot 29^{12} + 14 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 4, 4, 2) = 10 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 17 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 4, 4, 1, 1) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 20 \cdot 29^{15} + 26 \cdot 29^{16} + 16 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 4, 3, 3) = 6 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 24 \cdot 29^{15} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 4, 3, 2, 1) = 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 4, 3, 1, 2) = 3 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 20 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 4, 3, 1, 1, 1) = 21 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 17 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 4, 2, 4) = 28 \cdot 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 4, 2, 3, 1) = 5 \cdot 29^{12} + 21 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 4, 2, 2, 2) = 20 \cdot 29^{12} + 7 \cdot 29^{13} + 27 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 4, 2, 2, 1, 1) = 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 11 \cdot 29^{15} + 26 \cdot 29^{16} + 19 \cdot 29^{17} + 11 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 4, 2, 1, 3) = 15 \cdot 29^{12} + 4 \cdot 29^{13} + 7 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 4, 2, 1, 2, 1) = 3 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 6 \cdot 29^{16} + 9 \cdot 29^{17} + 24 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 4, 2, 1, 1, 2) = 12 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 22 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 4, 2, 1, 1, 1, 1) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{15} + 22 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 4, 1, 5) = 9 \cdot 29^{12} + 11 \cdot 29^{13} + 24 \cdot 29^{14} + 26 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 21 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 4, 1, 4, 1) = 6 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 25 \cdot 29^{16} + 2 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 4, 1, 3, 2) = 27 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 4, 1, 3, 1, 1) = 25 \cdot 29^{12} + 26 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 11 \cdot 29^{16} + 18 \cdot 29^{17} + 13 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 4, 1, 2, 3) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 14 \cdot 29^{14} + 11 \cdot 29^{15} + 29^{16} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 4, 1, 2, 2, 1) = 25 \cdot 29^{12} + 21 \cdot 29^{13} + 28 \cdot 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 4, 1, 2, 1, 2) = 4 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 29^{15} + 27 \cdot 29^{16} + 22 \cdot 29^{17} + 7 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 4, 1, 2, 1, 1, 1) = 22 \cdot 29^{12} + 5 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 4, 1, 1, 4) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{14} + 4 \cdot 29^{15} + 14 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 4, 1, 1, 3, 1) = 14 \cdot 29^{12} + 9 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{16} + 2 \cdot 29^{17} + 9 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 4, 1, 1, 2, 2) = 15 \cdot 29^{12} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 4, 1, 1, 2, 1, 1) = 9 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 18 \cdot 29^{15} + 13 \cdot 29^{16} + 18 \cdot 29^{17} + 11 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 4, 1, 1, 1, 3) = 18 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 4, 1, 1, 1, 2, 1) = 21 \cdot 29^{12} + 20 \cdot 29^{13} + 22 \cdot 29^{14} + 28 \cdot 29^{15} + 23 \cdot 29^{16} + 5 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 4, 1, 1, 1, 1, 2) = 11 \cdot 29^{12} + 22 \cdot 29^{13} + 2 \cdot 29^{14} + 8 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 4, 1, 1, 1, 1, 1, 1) = 24 \cdot 29^{12} + 6 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 7) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 6, 1) = 24 \cdot 29^{12} + 25 \cdot 29^{13} + 20 \cdot 29^{14} + 7 \cdot 29^{15} + 16 \cdot 29^{16} + 2 \cdot 29^{17} + 6 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 5, 2) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 5, 1, 1) = 19 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 13 \cdot 29^{16} + 13 \cdot 29^{17} + 9 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 4, 3) = 11 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 4, 2, 1) = 15 \cdot 29^{12} + 11 \cdot 29^{13} + 29^{14} + 26 \cdot 29^{15} + 5 \cdot 29^{16} + 9 \cdot 29^{17} + 26 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 4, 1, 2) = 24 \cdot 29^{12} + 28 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 2 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 4, 1, 1, 1) = 14 \cdot 29^{12} + 5 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 23 \cdot 29^{16} + 10 \cdot 29^{17} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 3, 4) = 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 3, 3, 1) = 19 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 3, 2, 2) = 10 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 22 \cdot 29^{15} + 18 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 3, 2, 1, 1) = 26 \cdot 29^{12} + 14 \cdot 29^{13} + 8 \cdot 29^{14} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 3, 1, 3) = 5 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 16 \cdot 29^{15} + 4 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 3, 1, 2, 1) = 12 \cdot 29^{12} + 14 \cdot 29^{13} + 11 \cdot 29^{14} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 3, 1, 1, 2) = 12 \cdot 29^{12} + 7 \cdot 29^{13} + 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 26 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 3, 1, 1, 1, 1) = 6 \cdot 29^{13} + 22 \cdot 29^{14} + 5 \cdot 29^{15} + 11 \cdot 29^{16} + 16 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 2, 5) = 19 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 13 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 2, 4, 1) = 22 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 2, 3, 2) = 14 \cdot 29^{12} + 21 \cdot 29^{13} + 17 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 2, 3, 1, 1) = 16 \cdot 29^{12} + 28 \cdot 29^{13} + 18 \cdot 29^{14} + 11 \cdot 29^{15} + 16 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 2, 2, 3) = 18 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 2, 2, 2, 1) = 3 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 18 \cdot 29^{15} + 6 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 2, 2, 1, 2) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 11 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 2, 2, 1, 1, 1) = 6 \cdot 29^{12} + 11 \cdot 29^{13} + 9 \cdot 29^{14} + 14 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 13 \cdot 29^{18} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 2, 1, 4) = 24 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 2, 1, 3, 1) = 8 \cdot 29^{12} + 9 \cdot 29^{13} + 2 \cdot 29^{14} + 18 \cdot 29^{15} + 2 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 2, 1, 2, 2) = 28 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 5 \cdot 29^{15} + 3 \cdot 29^{16} + 27 \cdot 29^{17} + 20 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 2, 1, 2, 1, 1) = 24 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 27 \cdot 29^{15} + 9 \cdot 29^{16} + 12 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 2, 1, 1, 3) = 17 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 2, 1, 1, 2, 1) = 23 \cdot 29^{12} + 25 \cdot 29^{13} + 2 \cdot 29^{14} + 15 \cdot 29^{15} + 16 \cdot 29^{16} + 4 \cdot 29^{17} + 11 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 2, 1, 1, 1, 2) = 23 \cdot 29^{12} + 15 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 2, 1, 1, 1, 1) = 4 \cdot 29^{12} + 2 \cdot 29^{13} + 23 \cdot 29^{14} + 26 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 11 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 6) = 5 \cdot 29^{12} + 5 \cdot 29^{13} + 2 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 5, 1) = 27 \cdot 29^{12} + 15 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 4, 2) = 16 \cdot 29^{12} + 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 6 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 4, 1, 1) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 13 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 3, 3) = 20 \cdot 29^{12} + 27 \cdot 29^{13} + 9 \cdot 29^{14} + 29^{15} + 10 \cdot 29^{16} + 17 \cdot 29^{17} + 26 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 3, 2, 1) = 13 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 22 \cdot 29^{15} + 16 \cdot 29^{16} + 10 \cdot 29^{17} + 3 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 3, 1, 2) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 12 \cdot 29^{14} + 2 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 3, 1, 1) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 9 \cdot 29^{17} + 13 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 2, 4) = 13 \cdot 29^{12} + 10 \cdot 29^{13} + 7 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 9 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 2, 3, 1) = 19 \cdot 29^{12} + 4 \cdot 29^{13} + 24 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 26 \cdot 29^{17} + 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 2, 2, 2) = 19 \cdot 29^{12} + 13 \cdot 29^{13} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 2, 2, 1, 1) = 8 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 2, 1, 3) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 2, 1, 2, 1) = 16 \cdot 29^{12} + 14 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 8 \cdot 29^{16} + 12 \cdot 29^{17} + 9 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 2, 1, 1, 2) = 9 \cdot 29^{12} + 8 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 26 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 2, 1, 1, 1) = 29^{12} + 17 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 26 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 5) = 24 \cdot 29^{12} + 27 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 2 \cdot 29^{16} + 10 \cdot 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 4, 1) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 13 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 24 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 3, 2) = 11 \cdot 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 16 \cdot 29^{15} + 15 \cdot 29^{16} + 27 \cdot 29^{17} + 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 3, 1, 1) = 20 \cdot 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 2, 3) = 28 \cdot 29^{12} + 19 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 20 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 2, 2, 1) = 7 \cdot 29^{12} + 21 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 10 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 2, 1, 2) = 2 \cdot 29^{12} + 7 \cdot 29^{13} + 2 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 10 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 2, 1, 1) = 17 \cdot 29^{12} + 18 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 4) = 18 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{17} + 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 3, 1) = 5 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 22 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 21 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 2, 2) = 3 \cdot 29^{12} + 5 \cdot 29^{13} + 16 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 21 \cdot 29^{17} + 2 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 2, 1, 1) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 3) = 22 \cdot 29^{12} + 25 \cdot 29^{13} + 27 \cdot 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 19 \cdot 29^{17} + 19 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 2, 1) = 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 20 \cdot 29^{17} + 6 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 1, 2) = 22 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 25 \cdot 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 3, 1, 1, 1, 1, 1, 1) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 24 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 8) = 12 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 7, 1) = 4 \cdot 29^{12} + 2 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 18 \cdot 29^{17} + 9 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 6, 2) = 15 \cdot 29^{12} + 5 \cdot 29^{13} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 6, 1, 1) = 5 \cdot 29^{12} + 27 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 25 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 5, 3) = 8 \cdot 29^{12} + 14 \cdot 29^{13} + 25 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 5, 2, 1) = 22 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{17} + 4 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 5, 1, 2) = 28 \cdot 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 17 \cdot 29^{15} + 15 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 5, 1, 1, 1) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 3 \cdot 29^{14} + 11 \cdot 29^{15} + 24 \cdot 29^{16} + 4 \cdot 29^{17} + 23 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 4, 4) = 15 \cdot 29^{12} + 24 \cdot 29^{13} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 4, 3, 1) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 14 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 4, 2, 2) = 14 \cdot 29^{12} + 23 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 28 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 4, 2, 1, 1) = 18 \cdot 29^{12} + 2 \cdot 29^{13} + 15 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 25 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 4, 1, 3) = 14 \cdot 29^{12} + 15 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 17 \cdot 29^{17} + 15 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 4, 1, 2, 1) = 25 \cdot 29^{12} + 11 \cdot 29^{13} + 10 \cdot 29^{14} + 25 \cdot 29^{15} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 4, 1, 1, 2) = 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 13 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 4, 1, 1, 1, 1) = 18 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 15 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 3, 5) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 21 \cdot 29^{14} + 16 \cdot 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 3, 4, 1) = 16 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 3 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 3, 3, 2) = 17 \cdot 29^{12} + 12 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 3, 3, 1, 1) = 19 \cdot 29^{12} + 28 \cdot 29^{13} + 5 \cdot 29^{14} + 5 \cdot 29^{15} + 13 \cdot 29^{16} + 12 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 3, 2, 3) = 19 \cdot 29^{12} + 24 \cdot 29^{13} + 17 \cdot 29^{14} + 15 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 3, 2, 2, 1) = 12 \cdot 29^{12} + 26 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 23 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 3, 2, 1, 2) = 21 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 15 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 3, 2, 1, 1, 1) = 7 \cdot 29^{12} + 3 \cdot 29^{13} + 13 \cdot 29^{14} + 2 \cdot 29^{15} + 20 \cdot 29^{16} + 25 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 3, 1, 4) = 5 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 16 \cdot 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 3, 1, 3, 1) = 25 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 9 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 3, 1, 2, 2) = 19 \cdot 29^{12} + 13 \cdot 29^{13} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 3, 1, 2, 1, 1) = 5 \cdot 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 16 \cdot 29^{17} + 4 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 3, 1, 1, 3) = 6 \cdot 29^{12} + 9 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 15 \cdot 29^{16} + 6 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 3, 1, 1, 2, 1) = 4 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 4 \cdot 29^{15} + 9 \cdot 29^{16} + 3 \cdot 29^{17} + 17 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 3, 1, 1, 1, 2) = 20 \cdot 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 28 \cdot 29^{15} + 19 \cdot 29^{17} + 14 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 3, 1, 1, 1, 1) = 17 \cdot 29^{12} + 6 \cdot 29^{15} + 18 \cdot 29^{16} + 28 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 6) = 7 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 18 \cdot 29^{16} + 24 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 5, 1) = 16 \cdot 29^{12} + 17 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 4, 2) = 23 \cdot 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 4, 1, 1) = 4 \cdot 29^{12} + 5 \cdot 29^{13} + 8 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 29^{17} + 4 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 3, 3) = 18 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 3, 2, 1) = 22 \cdot 29^{12} + 10 \cdot 29^{13} + 20 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 18 \cdot 29^{17} + 18 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 3, 1, 2) = 6 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 15 \cdot 29^{17} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 3, 1, 1, 1) = 19 \cdot 29^{13} + 7 \cdot 29^{14} + 5 \cdot 29^{15} + 28 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 2, 4) = 19 \cdot 29^{13} + 12 \cdot 29^{14} + 26 \cdot 29^{15} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 2, 3, 1) = 8 \cdot 29^{12} + 12 \cdot 29^{13} + 10 \cdot 29^{14} + 11 \cdot 29^{15} + 10 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 2, 2, 2) = O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 2, 2, 1, 1) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 5 \cdot 29^{14} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 29^{17} + 15 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 2, 1, 3) = 16 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 18 \cdot 29^{15} + 12 \cdot 29^{16} + 23 \cdot 29^{17} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 2, 1, 2, 1) = 4 \cdot 29^{12} + 19 \cdot 29^{13} + 13 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 5 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 2, 1, 1, 2) = 29^{12} + 23 \cdot 29^{13} + 8 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 2, 1, 1, 1, 1) = 12 \cdot 29^{12} + 15 \cdot 29^{13} + 26 \cdot 29^{14} + 23 \cdot 29^{15} + 23 \cdot 29^{16} + 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 5) = 2 \cdot 29^{12} + 4 \cdot 29^{13} + 16 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 23 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 4, 1) = 21 \cdot 29^{12} + 2 \cdot 29^{13} + 14 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 25 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 3, 2) = 21 \cdot 29^{12} + 14 \cdot 29^{13} + 27 \cdot 29^{14} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 3, 1, 1) = 23 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 10 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 7 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 2, 3) = 29^{12} + 3 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 2, 2, 1) = 12 \cdot 29^{12} + 20 \cdot 29^{13} + 14 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 10 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 2, 1, 2) = 27 \cdot 29^{12} + 2 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 18 \cdot 29^{17} + 5 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 2, 1, 1, 1) = 8 \cdot 29^{12} + 14 \cdot 29^{13} + 13 \cdot 29^{14} + 26 \cdot 29^{15} + 28 \cdot 29^{16} + 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 4) = 27 \cdot 29^{13} + 8 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 22 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 3, 1) = 3 \cdot 29^{12} + 8 \cdot 29^{13} + 6 \cdot 29^{14} + 4 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 20 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 2, 2) = 20 \cdot 29^{12} + 7 \cdot 29^{13} + 27 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 2, 1, 1) = 15 \cdot 29^{12} + 3 \cdot 29^{14} + 25 \cdot 29^{15} + 23 \cdot 29^{16} + 9 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 3) = 15 \cdot 29^{12} + 21 \cdot 29^{13} + 19 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 29^{17} + 11 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 2, 1) = 6 \cdot 29^{12} + 2 \cdot 29^{13} + 22 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 16 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 1, 2) = 13 \cdot 29^{13} + 16 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 2, 1, 1, 1, 1, 1, 1) = 23 \cdot 29^{12} + 4 \cdot 29^{13} + 26 \cdot 29^{14} + 17 \cdot 29^{15} + 23 \cdot 29^{16} + 7 \cdot 29^{17} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 7) = 3 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 6, 1) = 15 \cdot 29^{12} + 11 \cdot 29^{13} + 6 \cdot 29^{14} + 29^{15} + 2 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 5, 2) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 5, 1, 1) = 10 \cdot 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 24 \cdot 29^{16} + 3 \cdot 29^{17} + 7 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 4, 3) = 29^{12} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 21 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 4, 2, 1) = 2 \cdot 29^{12} + 17 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 2 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 4, 1, 2) = 13 \cdot 29^{12} + 2 \cdot 29^{13} + 3 \cdot 29^{14} + 15 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 4, 1, 1, 1) = 18 \cdot 29^{12} + 20 \cdot 29^{13} + 27 \cdot 29^{14} + 27 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 4 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 3, 4) = 10 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 3, 3, 1) = 2 \cdot 29^{12} + 28 \cdot 29^{13} + 29^{14} + 3 \cdot 29^{15} + 28 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 3, 2, 2) = 21 \cdot 29^{12} + 16 \cdot 29^{13} + 23 \cdot 29^{14} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 20 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 3, 2, 1, 1) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 5 \cdot 29^{17} + 7 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 3, 1, 3) = 12 \cdot 29^{12} + 2 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 4 \cdot 29^{17} + 27 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 3, 1, 2, 1) = 12 \cdot 29^{12} + 26 \cdot 29^{13} + 6 \cdot 29^{14} + 8 \cdot 29^{15} + 26 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 3, 1, 1, 2) = 3 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 27 \cdot 29^{15} + 27 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 3, 1, 1, 1, 1) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 20 \cdot 29^{14} + 8 \cdot 29^{15} + 8 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 5) = 11 \cdot 29^{12} + 13 \cdot 29^{14} + 16 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 4, 1) = 23 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{14} + 5 \cdot 29^{15} + 8 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 3, 2) = 16 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 11 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 3, 1, 1) = 14 \cdot 29^{12} + 7 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 22 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 2, 3) = 4 \cdot 29^{12} + 6 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 4 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 2, 2, 1) = 27 \cdot 29^{12} + 2 \cdot 29^{13} + 28 \cdot 29^{14} + 16 \cdot 29^{15} + 9 \cdot 29^{16} + 13 \cdot 29^{17} + 28 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 2, 1, 2) = 21 \cdot 29^{12} + 4 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 2, 1, 1, 1) = 15 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 8 \cdot 29^{15} + 14 \cdot 29^{16} + 10 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 4) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 13 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 3, 1) = 14 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 2, 2) = 10 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 22 \cdot 29^{15} + 18 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 2, 1, 1) = 14 \cdot 29^{12} + 11 \cdot 29^{13} + 15 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 3) = 25 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 3 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 2, 1) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 11 \cdot 29^{14} + 7 \cdot 29^{15} + 16 \cdot 29^{16} + 15 \cdot 29^{17} + 11 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 1, 2) = 16 \cdot 29^{12} + 9 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 2, 1, 1, 1, 1, 1) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 16 \cdot 29^{14} + 15 \cdot 29^{15} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 18 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 6) = 15 \cdot 29^{12} + 16 \cdot 29^{13} + 13 \cdot 29^{14} + 11 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 13 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 5, 1) = 3 \cdot 29^{12} + 9 \cdot 29^{13} + 9 \cdot 29^{14} + 7 \cdot 29^{15} + 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 4, 2) = 2 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 4 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 4, 1, 1) = 11 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 7 \cdot 29^{17} + 20 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 3, 3) = 4 \cdot 29^{12} + 12 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 3, 2, 1) = 7 \cdot 29^{12} + 17 \cdot 29^{13} + 3 \cdot 29^{14} + 17 \cdot 29^{15} + 26 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 3, 1, 2) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 3, 1, 1, 1) = 18 \cdot 29^{12} + 17 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{17} + 26 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 4) = 22 \cdot 29^{12} + 13 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{16} + 17 \cdot 29^{17} + 26 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 3, 1) = 27 \cdot 29^{12} + 8 \cdot 29^{13} + 21 \cdot 29^{14} + 28 \cdot 29^{15} + 20 \cdot 29^{16} + 22 \cdot 29^{17} + 8 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 2, 2) = 14 \cdot 29^{12} + 23 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 28 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 2, 1, 1) = 16 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 20 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 3) = 20 \cdot 29^{12} + 6 \cdot 29^{13} + 9 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 2, 1) = 23 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 23 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 1, 2) = 12 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 12 \cdot 29^{15} + 28 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 21 \cdot 29^{16} + 22 \cdot 29^{17} + 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 5) = 12 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 4, 1) = 17 \cdot 29^{12} + 14 \cdot 29^{14} + 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 18 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 3, 2) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 3, 1, 1) = 11 \cdot 29^{12} + 10 \cdot 29^{13} + 8 \cdot 29^{14} + 5 \cdot 29^{15} + 29^{17} + 27 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 3) = 11 \cdot 29^{12} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 26 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 2, 1) = 6 \cdot 29^{12} + 23 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{15} + 5 \cdot 29^{16} + 9 \cdot 29^{17} + 7 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 1, 2) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 19 \cdot 29^{15} + 5 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 24 \cdot 29^{12} + 21 \cdot 29^{13} + 26 \cdot 29^{14} + 15 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 4) = 4 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 3, 1) = 29^{12} + 19 \cdot 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 27 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 2, 2) = 7 \cdot 29^{12} + 18 \cdot 29^{13} + 19 \cdot 29^{14} + 14 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 10 \cdot 29^{12} + 17 \cdot 29^{13} + 19 \cdot 29^{14} + 13 \cdot 29^{15} + 11 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 3) = 28 \cdot 29^{12} + 18 \cdot 29^{13} + 28 \cdot 29^{14} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 9 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 20 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 12 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 28 \cdot 29^{17} + 14 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 22 \cdot 29^{12} + 12 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 9) = 25 \cdot 29^{12} + 14 \cdot 29^{13} + 12 \cdot 29^{14} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 8, 1) = 23 \cdot 29^{12} + 26 \cdot 29^{13} + 3 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 7, 2) = 12 \cdot 29^{12} + 3 \cdot 29^{13} + 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 7, 1, 1) = 25 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 3 \cdot 29^{15} + 26 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 6, 3) = 27 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 6, 2, 1) = 20 \cdot 29^{12} + 27 \cdot 29^{13} + 20 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 6, 1, 2) = 8 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 6, 1, 1, 1) = 23 \cdot 29^{12} + 26 \cdot 29^{13} + 18 \cdot 29^{14} + 3 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 5, 4) = 14 \cdot 29^{12} + 14 \cdot 29^{13} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 5, 3, 1) = 12 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 7 \cdot 29^{15} + 5 \cdot 29^{16} + 7 \cdot 29^{17} + 25 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 5, 2, 2) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 5, 2, 1, 1) = 5 \cdot 29^{12} + 23 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{17} + 7 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 5, 1, 3) = 22 \cdot 29^{12} + 27 \cdot 29^{13} + 15 \cdot 29^{14} + 13 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 16 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 5, 1, 2, 1) = 14 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 22 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 27 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 5, 1, 1, 2) = 7 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 5, 1, 1, 1, 1) = 6 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 20 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 4, 5) = 12 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 4, 4, 1) = 21 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 9 \cdot 29^{17} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 4, 3, 2) = 14 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 4, 3, 1, 1) = 28 \cdot 29^{12} + 26 \cdot 29^{13} + 27 \cdot 29^{14} + 9 \cdot 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 2 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 4, 2, 3) = 4 \cdot 29^{12} + 9 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 22 \cdot 29^{16} + 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 4, 2, 2, 1) = 18 \cdot 29^{12} + 26 \cdot 29^{13} + 27 \cdot 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 19 \cdot 29^{17} + 2 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 4, 2, 1, 2) = 27 \cdot 29^{12} + 6 \cdot 29^{13} + 6 \cdot 29^{14} + 23 \cdot 29^{15} + 15 \cdot 29^{16} + 4 \cdot 29^{17} + 16 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 4, 2, 1, 1, 1) = 27 \cdot 29^{12} + 4 \cdot 29^{13} + 6 \cdot 29^{14} + 23 \cdot 29^{15} + 11 \cdot 29^{16} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 4, 1, 4) = 16 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 22 \cdot 29^{17} + 24 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 4, 1, 3, 1) = 20 \cdot 29^{12} + 16 \cdot 29^{13} + 14 \cdot 29^{14} + 4 \cdot 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 4, 1, 2, 2) = 11 \cdot 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 16 \cdot 29^{15} + 15 \cdot 29^{16} + 27 \cdot 29^{17} + 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 4, 1, 2, 1, 1) = 4 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 28 \cdot 29^{17} + 11 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 4, 1, 1, 3) = 9 \cdot 29^{12} + 12 \cdot 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 3 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 4, 1, 1, 2, 1) = 5 \cdot 29^{12} + 10 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 28 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 4, 1, 1, 1, 2) = 29^{12} + 4 \cdot 29^{13} + 29^{14} + 7 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 4, 1, 1, 1, 1, 1) = 20 \cdot 29^{12} + 4 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 27 \cdot 29^{16} + 3 \cdot 29^{17} + 8 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 6) = 19 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 21 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 5, 1) = 27 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 3 \cdot 29^{17} + 17 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 4, 2) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 4, 1, 1) = 27 \cdot 29^{12} + 22 \cdot 29^{14} + 14 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 18 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 3, 3) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 8 \cdot 29^{15} + 4 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 3, 2, 1) = 3 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 18 \cdot 29^{16} + 4 \cdot 29^{17} + 9 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 3, 1, 2) = 25 \cdot 29^{12} + 12 \cdot 29^{13} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 3, 1, 1, 1) = 7 \cdot 29^{12} + 13 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 20 \cdot 29^{16} + 3 \cdot 29^{17} + 25 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 2, 4) = 29^{12} + 9 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 2, 3, 1) = 27 \cdot 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 17 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 2, 2, 2) = 21 \cdot 29^{12} + 14 \cdot 29^{13} + 27 \cdot 29^{14} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 2, 2, 1, 1) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 10 \cdot 29^{14} + 4 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 10 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 2, 1, 3) = 14 \cdot 29^{12} + 21 \cdot 29^{13} + 21 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 23 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 2, 1, 2, 1) = 2 \cdot 29^{12} + 7 \cdot 29^{13} + 19 \cdot 29^{14} + 13 \cdot 29^{15} + 6 \cdot 29^{16} + 10 \cdot 29^{17} + 11 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 2, 1, 1, 2) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 21 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 2, 1, 1, 1, 1) = 4 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 20 \cdot 29^{16} + 13 \cdot 29^{17} + 14 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 5) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 25 \cdot 29^{17} + 21 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 4, 1) = 19 \cdot 29^{12} + 19 \cdot 29^{13} + 20 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 3, 2) = 6 \cdot 29^{12} + 2 \cdot 29^{13} + 29^{14} + 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 3, 1, 1) = 9 \cdot 29^{13} + 23 \cdot 29^{15} + 9 \cdot 29^{16} + 14 \cdot 29^{17} + 20 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 2, 3) = 25 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 17 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 2, 2, 1) = 13 \cdot 29^{12} + 14 \cdot 29^{13} + 21 \cdot 29^{14} + 28 \cdot 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 2, 1, 2) = 18 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 25 \cdot 29^{16} + 3 \cdot 29^{17} + 2 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 2, 1, 1, 1) = 5 \cdot 29^{12} + 28 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 2 \cdot 29^{17} + 10 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 4) = 18 \cdot 29^{12} + 12 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 3, 1) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 19 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{16} + 21 \cdot 29^{17} + 11 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 2, 2) = 27 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 8 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 2, 1, 1) = 16 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 3) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 2, 1) = 12 \cdot 29^{12} + 8 \cdot 29^{13} + 10 \cdot 29^{14} + 6 \cdot 29^{15} + 22 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 1, 2) = 9 \cdot 29^{12} + 23 \cdot 29^{13} + 25 \cdot 29^{14} + 6 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 18 \cdot 29^{12} + 16 \cdot 29^{14} + 26 \cdot 29^{15} + 3 \cdot 29^{16} + 29^{17} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 7) = 14 \cdot 29^{12} + 12 \cdot 29^{13} + 10 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{17} + 11 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 6, 1) = 24 \cdot 29^{13} + 2 \cdot 29^{14} + 26 \cdot 29^{15} + 13 \cdot 29^{16} + 16 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 5, 2) = 4 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 5, 1, 1) = 7 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 5 \cdot 29^{17} + 8 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 4, 3) = 6 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 4, 2, 1) = 5 \cdot 29^{12} + 28 \cdot 29^{13} + 27 \cdot 29^{14} + 11 \cdot 29^{15} + 6 \cdot 29^{16} + 18 \cdot 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 4, 1, 2) = 28 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 12 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 4, 1, 1, 1) = 17 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 19 \cdot 29^{15} + 17 \cdot 29^{16} + 8 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 3, 4) = 6 \cdot 29^{12} + 16 \cdot 29^{13} + 24 \cdot 29^{14} + 13 \cdot 29^{15} + 7 \cdot 29^{16} + 7 \cdot 29^{17} + 20 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 3, 3, 1) = 12 \cdot 29^{12} + 9 \cdot 29^{13} + 5 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 15 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 3, 2, 2) = 16 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 11 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 3, 2, 1, 1) = 7 \cdot 29^{12} + 13 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 14 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 3, 1, 3) = 14 \cdot 29^{12} + 19 \cdot 29^{13} + 28 \cdot 29^{14} + 11 \cdot 29^{15} + 7 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 3, 1, 2, 1) = 26 \cdot 29^{12} + 9 \cdot 29^{13} + 24 \cdot 29^{14} + 26 \cdot 29^{15} + 11 \cdot 29^{16} + 29^{17} + 17 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 3, 1, 1, 2) = 20 \cdot 29^{12} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 26 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 3, 1, 1, 1, 1) = 5 \cdot 29^{12} + 14 \cdot 29^{13} + 29^{14} + 19 \cdot 29^{16} + 24 \cdot 29^{17} + 18 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 5) = 15 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 4, 1) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 10 \cdot 29^{16} + 25 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 3, 2) = 26 \cdot 29^{12} + 14 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 3, 1, 1) = 16 \cdot 29^{12} + 4 \cdot 29^{13} + 7 \cdot 29^{14} + 2 \cdot 29^{15} + 8 \cdot 29^{16} + 21 \cdot 29^{17} + 6 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 2, 3) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 10 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 2, 2, 1) = 28 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 9 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 2, 1, 2) = 4 \cdot 29^{12} + 3 \cdot 29^{13} + 3 \cdot 29^{14} + 21 \cdot 29^{15} + 2 \cdot 29^{16} + 5 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 2, 1, 1, 1) = 15 \cdot 29^{12} + 20 \cdot 29^{13} + 19 \cdot 29^{14} + 25 \cdot 29^{15} + 18 \cdot 29^{16} + 24 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 4) = 17 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 16 \cdot 29^{15} + 26 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 3, 1) = 23 \cdot 29^{12} + 3 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 2, 2) = 14 \cdot 29^{12} + 21 \cdot 29^{13} + 17 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 2, 1, 1) = 28 \cdot 29^{12} + 28 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 19 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 3) = 25 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 6 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 2, 1) = 19 \cdot 29^{12} + 7 \cdot 29^{13} + 10 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 14 \cdot 29^{17} + 18 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 1, 2) = 23 \cdot 29^{12} + 12 \cdot 29^{13} + 9 \cdot 29^{14} + 9 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 21 \cdot 29^{15} + 22 \cdot 29^{16} + 23 \cdot 29^{17} + 26 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 6) = 16 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 5, 1) = 9 \cdot 29^{12} + 29^{13} + 21 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 4, 2) = 4 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 4, 1, 1) = 24 \cdot 29^{12} + 11 \cdot 29^{13} + 12 \cdot 29^{14} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 23 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 3, 3) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 3 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 25 \cdot 29^{17} + 19 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 3, 2, 1) = 3 \cdot 29^{12} + 2 \cdot 29^{13} + 21 \cdot 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 26 \cdot 29^{17} + 11 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 3, 1, 2) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 27 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 3, 1, 1, 1) = 19 \cdot 29^{12} + 22 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 19 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 4) = 4 \cdot 29^{12} + 5 \cdot 29^{13} + 11 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 3, 1) = 4 \cdot 29^{12} + 9 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 8 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 2, 2) = 17 \cdot 29^{12} + 12 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 2, 1, 1) = 7 \cdot 29^{12} + 26 \cdot 29^{13} + 6 \cdot 29^{14} + 24 \cdot 29^{15} + 24 \cdot 29^{16} + 6 \cdot 29^{17} + 17 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 3) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 26 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 2, 1) = 8 \cdot 29^{12} + 23 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 29^{16} + 24 \cdot 29^{17} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 1, 2) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 28 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 13 \cdot 29^{12} + 26 \cdot 29^{13} + 8 \cdot 29^{15} + 17 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 5) = 17 \cdot 29^{12} + 8 \cdot 29^{13} + 8 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 4, 1) = 28 \cdot 29^{12} + 20 \cdot 29^{13} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 9 \cdot 29^{16} + 26 \cdot 29^{17} + 9 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 3, 2) = 14 \cdot 29^{12} + 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 3, 1, 1) = 9 \cdot 29^{12} + 18 \cdot 29^{13} + 4 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 21 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 3) = 17 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{14} + 22 \cdot 29^{15} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 12 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 2, 1) = 19 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 16 \cdot 29^{16} + 9 \cdot 29^{17} + 11 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 1, 2) = 5 \cdot 29^{12} + 11 \cdot 29^{13} + 21 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 6 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 4) = 21 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 5 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 3, 1) = 12 \cdot 29^{12} + 20 \cdot 29^{13} + 4 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 2, 2) = 4 \cdot 29^{12} + 10 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 25 \cdot 29^{12} + 7 \cdot 29^{13} + 20 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 3) = 12 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 13 \cdot 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 25 \cdot 29^{12} + 18 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 4 \cdot 29^{12} + 21 \cdot 29^{13} + 20 \cdot 29^{14} + 24 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 14 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 8) = 10 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 7, 1) = 3 \cdot 29^{12} + 6 \cdot 29^{13} + 11 \cdot 29^{14} + 23 \cdot 29^{15} + 29^{16} + 23 \cdot 29^{17} + 16 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 6, 2) = 7 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 13 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 6, 1, 1) = 8 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 12 \cdot 29^{17} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 5, 3) = 8 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 12 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 5, 2, 1) = 21 \cdot 29^{12} + 27 \cdot 29^{13} + 22 \cdot 29^{14} + 27 \cdot 29^{16} + 6 \cdot 29^{17} + 12 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 5, 1, 2) = 9 \cdot 29^{12} + 10 \cdot 29^{13} + 6 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 5, 1, 1, 1) = 20 \cdot 29^{12} + 14 \cdot 29^{13} + 8 \cdot 29^{14} + 6 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 4, 4) = 22 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 11 \cdot 29^{16} + 17 \cdot 29^{17} + 19 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 4, 3, 1) = 2 \cdot 29^{12} + 23 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 27 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 4, 2, 2) = 2 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 4 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 4, 2, 1, 1) = 8 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 4 \cdot 29^{16} + 9 \cdot 29^{17} + 8 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 4, 1, 3) = 15 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 4, 1, 2, 1) = 5 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 28 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 4, 1, 1, 2) = 19 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 15 \cdot 29^{15} + 27 \cdot 29^{16} + 9 \cdot 29^{17} + 16 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 4, 1, 1, 1, 1) = 9 \cdot 29^{12} + 19 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 19 \cdot 29^{17} + 3 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 5) = 18 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 28 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 4, 1) = 20 \cdot 29^{12} + 13 \cdot 29^{13} + 29^{14} + 21 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 3, 2) = 4 \cdot 29^{12} + 24 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 3 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 3, 1, 1) = 18 \cdot 29^{12} + 12 \cdot 29^{13} + 20 \cdot 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{16} + 4 \cdot 29^{17} + 25 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 2, 3) = 4 \cdot 29^{12} + 15 \cdot 29^{13} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 2, 2, 1) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 22 \cdot 29^{14} + 17 \cdot 29^{15} + 13 \cdot 29^{16} + 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 2, 1, 2) = 7 \cdot 29^{12} + 7 \cdot 29^{13} + 14 \cdot 29^{14} + 18 \cdot 29^{15} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 22 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 2, 1, 1, 1) = 26 \cdot 29^{12} + 5 \cdot 29^{14} + 11 \cdot 29^{15} + 6 \cdot 29^{16} + 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 4) = 3 \cdot 29^{12} + 9 \cdot 29^{13} + 23 \cdot 29^{14} + 27 \cdot 29^{15} + 24 \cdot 29^{16} + 12 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 3, 1) = 11 \cdot 29^{12} + 9 \cdot 29^{13} + 23 \cdot 29^{14} + 8 \cdot 29^{15} + 24 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 2, 2) = 16 \cdot 29^{12} + 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 6 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 2, 1, 1) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 3) = 20 \cdot 29^{12} + 16 \cdot 29^{13} + 4 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 2, 1) = 18 \cdot 29^{12} + 24 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 5 \cdot 29^{16} + 22 \cdot 29^{17} + 19 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 1, 2) = 4 \cdot 29^{12} + 28 \cdot 29^{13} + 17 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 6 \cdot 29^{17} + 27 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 10 \cdot 29^{12} + 3 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 27 \cdot 29^{16} + 18 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 6) = 8 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 20 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 5, 1) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 4, 2) = 25 \cdot 29^{12} + 29^{13} + 21 \cdot 29^{14} + 18 \cdot 29^{15} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 4, 1, 1) = 9 \cdot 29^{12} + 15 \cdot 29^{13} + 8 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 3, 3) = 23 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 3, 2, 1) = 3 \cdot 29^{12} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 27 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 3, 1, 2) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 3, 1, 1, 1) = 21 \cdot 29^{12} + 4 \cdot 29^{13} + 25 \cdot 29^{14} + 22 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 5 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 4) = 27 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 3, 1) = 22 \cdot 29^{12} + 22 \cdot 29^{13} + 7 \cdot 29^{14} + 17 \cdot 29^{15} + 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 2, 2) = 23 \cdot 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 2, 1, 1) = 24 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{16} + 29^{17} + 20 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 3) = 21 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 2, 1) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 5 \cdot 29^{15} + 11 \cdot 29^{16} + 10 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 1, 2) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{17} + 20 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 2, 1, 1, 1) = 16 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{16} + 14 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 5) = 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 28 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 4, 1) = 17 \cdot 29^{12} + 27 \cdot 29^{13} + 11 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 27 \cdot 29^{17} + 7 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 3, 2) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 7 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 3, 1, 1) = 4 \cdot 29^{12} + 15 \cdot 29^{13} + 25 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 19 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 3) = 29^{12} + 7 \cdot 29^{13} + 22 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 2, 1) = 18 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 23 \cdot 29^{15} + 13 \cdot 29^{16} + 21 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 1, 2) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 24 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 2, 1, 1) = 29^{12} + 24 \cdot 29^{13} + 19 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 4) = 5 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 6 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 3, 1) = 24 \cdot 29^{12} + 6 \cdot 29^{13} + 2 \cdot 29^{14} + 26 \cdot 29^{15} + 4 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 2, 2) = 10 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 21 \cdot 29^{17} + 17 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 5 \cdot 29^{12} + 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 29^{16} + 15 \cdot 29^{17} + 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 3) = 10 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 14 \cdot 29^{12} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 5 \cdot 29^{17} + 28 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 27 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 2 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 21 \cdot 29^{15} + 4 \cdot 29^{16} + 22 \cdot 29^{17} + 15 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 7) = 4 \cdot 29^{12} + 18 \cdot 29^{13} + 16 \cdot 29^{14} + 15 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 6, 1) = 16 \cdot 29^{12} + 2 \cdot 29^{14} + 14 \cdot 29^{15} + 26 \cdot 29^{16} + 9 \cdot 29^{17} + 24 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 5, 2) = 12 \cdot 29^{12} + 21 \cdot 29^{13} + 11 \cdot 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 9 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 5, 1, 1) = 15 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 4, 3) = 28 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 7 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 4, 2, 1) = 10 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{14} + 20 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 4, 1, 2) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 4, 1, 1, 1) = 7 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 4) = 27 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 3 \cdot 29^{15} + 8 \cdot 29^{16} + 24 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 3, 1) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 25 \cdot 29^{14} + 11 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 2, 2) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 12 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 2, 1, 1) = 16 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 3) = 17 \cdot 29^{12} + 15 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 7 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 2, 1) = 17 \cdot 29^{12} + 27 \cdot 29^{13} + 26 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 16 \cdot 29^{17} + 17 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 1, 2) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 3 \cdot 29^{17} + 23 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 3, 1, 1, 1) = 5 \cdot 29^{12} + 17 \cdot 29^{13} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 24 \cdot 29^{16} + 2 \cdot 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 5) = 3 \cdot 29^{12} + 2 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 17 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 4, 1) = 16 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 3, 2) = 4 \cdot 29^{12} + 18 \cdot 29^{13} + 9 \cdot 29^{14} + 11 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 3, 1, 1) = 15 \cdot 29^{12} + 23 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 23 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 3) = 4 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 2, 1) = 10 \cdot 29^{12} + 10 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{16} + 21 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 1, 2) = 23 \cdot 29^{12} + 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 11 \cdot 29^{17} + 27 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 29^{12} + 22 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 22 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 4) = 14 \cdot 29^{12} + 2 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 26 \cdot 29^{16} + 6 \cdot 29^{17} + 5 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 3, 1) = 27 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 4 \cdot 29^{17} + 22 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 2, 2) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 13 \cdot 29^{12} + 21 \cdot 29^{13} + 22 \cdot 29^{14} + 25 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 3) = 23 \cdot 29^{12} + 4 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 29^{17} + 4 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 27 \cdot 29^{12} + 8 \cdot 29^{13} + 5 \cdot 29^{14} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 3 \cdot 29^{12} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 18 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 14 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 28 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 6) = 15 \cdot 29^{12} + 18 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 29^{17} + 17 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 5, 1) = 17 \cdot 29^{12} + 2 \cdot 29^{13} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 4, 2) = 7 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 13 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 4, 1, 1) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 14 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 3) = 29^{12} + 17 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 2, 1) = 24 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{14} + 14 \cdot 29^{15} + 24 \cdot 29^{16} + 4 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 1, 2) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 20 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 29^{12} + 27 \cdot 29^{13} + 20 \cdot 29^{14} + 27 \cdot 29^{15} + 29^{16} + 13 \cdot 29^{17} + 27 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 4) = 3 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 17 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 7 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 3, 1) = 13 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 15 \cdot 29^{15} + 4 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 2, 2) = 15 \cdot 29^{12} + 5 \cdot 29^{13} + 7 \cdot 29^{14} + 7 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 18 \cdot 29^{12} + 11 \cdot 29^{13} + 17 \cdot 29^{14} + 24 \cdot 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 18 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 3) = 27 \cdot 29^{12} + 29^{13} + 21 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 9 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 9 \cdot 29^{17} + 16 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 18 \cdot 29^{12} + 19 \cdot 29^{13} + 18 \cdot 29^{14} + 11 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 14 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 5) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 4, 1) = 19 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{14} + 23 \cdot 29^{15} + 5 \cdot 29^{16} + 22 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 2) = 12 \cdot 29^{12} + 3 \cdot 29^{13} + 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 3, 1, 1) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 18 \cdot 29^{14} + 26 \cdot 29^{15} + 7 \cdot 29^{16} + 13 \cdot 29^{17} + 26 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 3) = 27 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 2, 1) = 3 \cdot 29^{12} + 28 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 2) = 9 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 28 \cdot 29^{12} + 7 \cdot 29^{13} + 21 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 29^{17} + 3 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 4) = 28 \cdot 29^{12} + 11 \cdot 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 3, 1) = 24 \cdot 29^{12} + 20 \cdot 29^{13} + 25 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 2, 2) = 5 \cdot 29^{12} + 27 \cdot 29^{13} + 27 \cdot 29^{14} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 26 \cdot 29^{17} + 3 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 17 \cdot 29^{12} + 14 \cdot 29^{13} + 10 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 27 \cdot 29^{17} + 7 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 3) = 24 \cdot 29^{12} + 27 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 8 \cdot 29^{17} + 15 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 22 \cdot 29^{12} + 12 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 16 \cdot 29^{16} + 25 \cdot 29^{17} + 11 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 29^{12} + 27 \cdot 29^{13} + 2 \cdot 29^{14} + 12 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 11) = 2 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 10, 1) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 13 \cdot 29^{17} + 28 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 9, 2) = 24 \cdot 29^{12} + 27 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 8 \cdot 29^{17} + 15 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 9, 1, 1) = 29^{12} + 8 \cdot 29^{14} + 21 \cdot 29^{15} + 16 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 8, 3) = 20 \cdot 29^{12} + 9 \cdot 29^{13} + 28 \cdot 29^{14} + 15 \cdot 29^{15} + 2 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 8, 2, 1) = 29^{12} + 9 \cdot 29^{13} + 9 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 8, 1, 2) = 10 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 21 \cdot 29^{16} + 6 \cdot 29^{17} + 22 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 8, 1, 1, 1) = 15 \cdot 29^{12} + 22 \cdot 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 23 \cdot 29^{16} + 20 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 7, 4) = 17 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 17 \cdot 29^{16} + 22 \cdot 29^{17} + 20 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 7, 3, 1) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 21 \cdot 29^{14} + 8 \cdot 29^{15} + 5 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 7, 2, 2) = 28 \cdot 29^{12} + 18 \cdot 29^{13} + 28 \cdot 29^{14} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 27 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 7, 2, 1, 1) = 26 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 23 \cdot 29^{16} + 5 \cdot 29^{17} + 15 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 7, 1, 3) = 29^{12} + 26 \cdot 29^{13} + 25 \cdot 29^{14} + 12 \cdot 29^{15} + 13 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 7, 1, 2, 1) = 16 \cdot 29^{12} + 2 \cdot 29^{13} + 20 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 7, 1, 1, 2) = 18 \cdot 29^{12} + 16 \cdot 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{15} + 10 \cdot 29^{16} + 9 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 7, 1, 1, 1, 1) = 26 \cdot 29^{12} + 14 \cdot 29^{13} + 5 \cdot 29^{14} + 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 27 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 6, 5) = 4 \cdot 29^{12} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 6, 4, 1) = 7 \cdot 29^{12} + 25 \cdot 29^{13} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 6, 3, 2) = 12 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 6, 3, 1, 1) = 27 \cdot 29^{12} + 25 \cdot 29^{13} + 3 \cdot 29^{14} + 25 \cdot 29^{15} + 24 \cdot 29^{16} + 3 \cdot 29^{17} + 5 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 6, 2, 3) = 16 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 6, 2, 2, 1) = 28 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 7 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 6, 2, 1, 2) = 24 \cdot 29^{12} + 21 \cdot 29^{13} + 20 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 6, 2, 1, 1, 1) = 6 \cdot 29^{12} + 4 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 29^{16} + 12 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 6, 1, 4) = 22 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 5 \cdot 29^{15} + 5 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 6, 1, 3, 1) = 15 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 6, 1, 2, 2) = 22 \cdot 29^{12} + 25 \cdot 29^{13} + 27 \cdot 29^{14} + 17 \cdot 29^{15} + 28 \cdot 29^{16} + 19 \cdot 29^{17} + 19 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 6, 1, 2, 1, 1) = 21 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 6, 1, 1, 3) = 7 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 5 \cdot 29^{15} + 21 \cdot 29^{16} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 6, 1, 1, 2, 1) = 7 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 24 \cdot 29^{17} + 27 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 6, 1, 1, 1, 2) = 17 \cdot 29^{12} + 11 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 6, 1, 1, 1, 1, 1) = 7 \cdot 29^{12} + 10 \cdot 29^{13} + 25 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 15 \cdot 29^{17} + 7 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 5, 6) = 2 \cdot 29^{12} + 26 \cdot 29^{13} + 5 \cdot 29^{14} + 2 \cdot 29^{15} + 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 5, 5, 1) = 3 \cdot 29^{12} + 25 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 5, 4, 2) = 10 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 5, 4, 1, 1) = 24 \cdot 29^{12} + 8 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 5, 3, 3) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 5, 3, 2, 1) = 11 \cdot 29^{12} + 18 \cdot 29^{13} + 24 \cdot 29^{14} + 4 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 5, 3, 1, 2) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 14 \cdot 29^{15} + 4 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 5, 3, 1, 1, 1) = 22 \cdot 29^{12} + 18 \cdot 29^{13} + 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 2 \cdot 29^{17} + 2 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 5, 2, 4) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 9 \cdot 29^{16} + 6 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 5, 2, 3, 1) = 15 \cdot 29^{12} + 11 \cdot 29^{13} + 27 \cdot 29^{14} + 24 \cdot 29^{15} + 19 \cdot 29^{16} + 9 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 5, 2, 2, 2) = 15 \cdot 29^{12} + 21 \cdot 29^{13} + 19 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 29^{17} + 11 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 5, 2, 2, 1, 1) = 17 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 5, 2, 1, 3) = 18 \cdot 29^{12} + 26 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 26 \cdot 29^{17} + 20 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 5, 2, 1, 2, 1) = 9 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 14 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 5, 2, 1, 1, 2) = 26 \cdot 29^{12} + 10 \cdot 29^{13} + 26 \cdot 29^{14} + 13 \cdot 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 5, 2, 1, 1, 1, 1) = 22 \cdot 29^{12} + 28 \cdot 29^{13} + 17 \cdot 29^{14} + 4 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 5, 1, 5) = 2 \cdot 29^{12} + 8 \cdot 29^{13} + 7 \cdot 29^{14} + 4 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 5, 1, 4, 1) = 12 \cdot 29^{12} + 18 \cdot 29^{13} + 24 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 29^{17} + 5 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 5, 1, 3, 2) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 5, 1, 3, 1, 1) = 7 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 5, 1, 2, 3) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 24 \cdot 29^{14} + 12 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 5, 1, 2, 2, 1) = 22 \cdot 29^{12} + 8 \cdot 29^{13} + 18 \cdot 29^{14} + 6 \cdot 29^{15} + 15 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 5, 1, 2, 1, 2) = 5 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 5, 1, 2, 1, 1) = 8 \cdot 29^{12} + 9 \cdot 29^{13} + 22 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 29^{17} + 2 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 5, 1, 1, 4) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 2 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 5, 1, 1, 3, 1) = 19 \cdot 29^{12} + 6 \cdot 29^{13} + 21 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 28 \cdot 29^{17} + 7 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 5, 1, 1, 2, 2) = 18 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 5, 1, 1, 2, 1, 1) = 12 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 22 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 7 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 5, 1, 1, 1, 3) = 19 \cdot 29^{12} + 10 \cdot 29^{13} + 29^{14} + 16 \cdot 29^{15} + 25 \cdot 29^{16} + 2 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 5, 1, 1, 1, 2, 1) = 23 \cdot 29^{12} + 3 \cdot 29^{13} + 20 \cdot 29^{15} + 5 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 5, 1, 1, 1, 1, 2) = 23 \cdot 29^{12} + 22 \cdot 29^{13} + 23 \cdot 29^{14} + 15 \cdot 29^{15} + 19 \cdot 29^{16} + 10 \cdot 29^{17} + 22 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 5, 1, 1, 1, 1, 1) = 4 \cdot 29^{13} + 2 \cdot 29^{14} + 11 \cdot 29^{15} + 20 \cdot 29^{16} + 28 \cdot 29^{17} + 26 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 7) = 28 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 3 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 6, 1) = 12 \cdot 29^{12} + 6 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 21 \cdot 29^{16} + 17 \cdot 29^{17} + 4 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 5, 2) = 23 \cdot 29^{12} + 4 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 29^{17} + 4 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 5, 1, 1) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 13 \cdot 29^{14} + 3 \cdot 29^{15} + 6 \cdot 29^{16} + 4 \cdot 29^{17} + 26 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 4, 3) = 4 \cdot 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 25 \cdot 29^{15} + 15 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 4, 2, 1) = 2 \cdot 29^{12} + 23 \cdot 29^{13} + 29^{14} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 4, 1, 2) = 8 \cdot 29^{12} + 18 \cdot 29^{13} + 5 \cdot 29^{14} + 14 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 4, 1, 1, 1) = 22 \cdot 29^{13} + 4 \cdot 29^{14} + 12 \cdot 29^{15} + 29^{16} + 4 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 3, 4) = 28 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 12 \cdot 29^{15} + 20 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 3, 3, 1) = 3 \cdot 29^{12} + 2 \cdot 29^{13} + 22 \cdot 29^{14} + 8 \cdot 29^{15} + 13 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 3, 2, 2) = 25 \cdot 29^{12} + 22 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 3 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 3, 2, 1, 1) = 7 \cdot 29^{12} + 18 \cdot 29^{13} + 27 \cdot 29^{14} + 3 \cdot 29^{15} + 3 \cdot 29^{17} + 25 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 3, 1, 3) = 15 \cdot 29^{12} + 18 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 3, 1, 2, 1) = 10 \cdot 29^{12} + 14 \cdot 29^{14} + 6 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 17 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 3, 1, 1, 2) = 12 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 10 \cdot 29^{17} + 8 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 3, 1, 1, 1, 1) = 14 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 8 \cdot 29^{15} + 14 \cdot 29^{16} + 15 \cdot 29^{17} + 4 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 2, 5) = 17 \cdot 29^{12} + 4 \cdot 29^{13} + 12 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 2, 4, 1) = 12 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 24 \cdot 29^{15} + 9 \cdot 29^{16} + 19 \cdot 29^{17} + 21 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 2, 3, 2) = 25 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 6 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 2, 3, 1, 1) = 23 \cdot 29^{12} + 6 \cdot 29^{13} + 11 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 23 \cdot 29^{17} + 11 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 2, 2, 3) = 10 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 2, 2, 2, 1) = 29^{12} + 17 \cdot 29^{13} + 3 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 2, 2, 1, 2) = 14 \cdot 29^{12} + 11 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 17 \cdot 29^{16} + 3 \cdot 29^{17} + 24 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 2, 2, 1, 1, 1) = 12 \cdot 29^{12} + 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 15 \cdot 29^{16} + 5 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 2, 1, 4) = 19 \cdot 29^{12} + 13 \cdot 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 2, 1, 3, 1) = 16 \cdot 29^{12} + 28 \cdot 29^{13} + 13 \cdot 29^{14} + 17 \cdot 29^{15} + 25 \cdot 29^{16} + 5 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 2, 1, 2, 2) = 17 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 17 \cdot 29^{16} + 7 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 2, 1, 2, 1, 1) = 14 \cdot 29^{12} + 24 \cdot 29^{13} + 15 \cdot 29^{14} + 5 \cdot 29^{15} + 29^{16} + 19 \cdot 29^{17} + 28 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 2, 1, 1, 3) = 17 \cdot 29^{12} + 11 \cdot 29^{13} + 7 \cdot 29^{14} + 9 \cdot 29^{15} + 3 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 2, 1, 1, 2, 1) = 29^{12} + 6 \cdot 29^{13} + 10 \cdot 29^{14} + 15 \cdot 29^{15} + 5 \cdot 29^{17} + 11 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 2, 1, 1, 1, 2) = 5 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 6 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 2, 1, 1, 1, 1, 1) = 29^{12} + 24 \cdot 29^{13} + 8 \cdot 29^{14} + 25 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 6) = 6 \cdot 29^{12} + 17 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 5, 1) = 2 \cdot 29^{12} + 10 \cdot 29^{13} + 21 \cdot 29^{14} + 10 \cdot 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 14 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 4, 2) = 20 \cdot 29^{12} + 16 \cdot 29^{13} + 4 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 10 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 4, 1, 1) = 16 \cdot 29^{12} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 28 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 3, 3) = 10 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 3, 2, 1) = 17 \cdot 29^{12} + 20 \cdot 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 3, 1, 2) = 29^{12} + 6 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 25 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 3, 1, 1, 1) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 27 \cdot 29^{16} + 12 \cdot 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 2, 4) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 2, 3, 1) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 2, 2, 2) = 6 \cdot 29^{12} + 9 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 15 \cdot 29^{16} + 6 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 2, 2, 1, 1) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 17 \cdot 29^{15} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 2, 1, 3) = 11 \cdot 29^{12} + 28 \cdot 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 13 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 2, 1, 2, 1) = 3 \cdot 29^{12} + 7 \cdot 29^{13} + 21 \cdot 29^{14} + 20 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 2, 1, 1, 2) = 16 \cdot 29^{12} + 26 \cdot 29^{13} + 3 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 2, 1, 1, 1, 1) = 17 \cdot 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 5) = 3 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 4, 1) = 11 \cdot 29^{12} + 7 \cdot 29^{13} + 12 \cdot 29^{15} + 22 \cdot 29^{16} + 15 \cdot 29^{17} + 5 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 3, 2) = 9 \cdot 29^{12} + 12 \cdot 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 3 \cdot 29^{16} + 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 3, 1, 1) = 27 \cdot 29^{12} + 20 \cdot 29^{13} + 8 \cdot 29^{14} + 7 \cdot 29^{15} + 7 \cdot 29^{16} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 2, 3) = 10 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 3 \cdot 29^{15} + 18 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 2, 2, 1) = 12 \cdot 29^{12} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 17 \cdot 29^{16} + 25 \cdot 29^{17} + 28 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 2, 1, 2) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 2 \cdot 29^{17} + 4 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 2, 1, 1, 1) = 24 \cdot 29^{12} + 6 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 4) = 27 \cdot 29^{12} + 6 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 3, 1) = 24 \cdot 29^{12} + 25 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 20 \cdot 29^{17} + 21 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 2, 2) = 23 \cdot 29^{12} + 23 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 2, 1, 1) = 27 \cdot 29^{12} + 7 \cdot 29^{13} + 10 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 21 \cdot 29^{17} + 27 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 3) = 7 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 5 \cdot 29^{15} + 21 \cdot 29^{16} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 2, 1) = 12 \cdot 29^{12} + 10 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 1, 2) = 13 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 25 \cdot 29^{13} + 11 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 21 \cdot 29^{17} + 6 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 8) = 19 \cdot 29^{12} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 7, 1) = 6 \cdot 29^{13} + 8 \cdot 29^{14} + 3 \cdot 29^{15} + 12 \cdot 29^{16} + 13 \cdot 29^{17} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 6, 2) = 27 \cdot 29^{12} + 29^{13} + 21 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 16 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 6, 1, 1) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 6 \cdot 29^{16} + 9 \cdot 29^{17} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 5, 3) = 29^{12} + 7 \cdot 29^{13} + 12 \cdot 29^{14} + 7 \cdot 29^{15} + 8 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 5, 2, 1) = 26 \cdot 29^{12} + 6 \cdot 29^{13} + 18 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 25 \cdot 29^{17} + 25 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 5, 1, 2) = 24 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 18 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 5, 1, 1, 1) = 7 \cdot 29^{12} + 14 \cdot 29^{13} + 23 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 4, 4) = 6 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 4, 3, 1) = 10 \cdot 29^{12} + 15 \cdot 29^{13} + 16 \cdot 29^{14} + 11 \cdot 29^{15} + 26 \cdot 29^{16} + 8 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 4, 2, 2) = 20 \cdot 29^{12} + 6 \cdot 29^{13} + 9 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 18 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 4, 2, 1, 1) = 15 \cdot 29^{12} + 7 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 4, 1, 3) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 3 \cdot 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 4, 1, 2, 1) = 10 \cdot 29^{12} + 14 \cdot 29^{13} + 17 \cdot 29^{14} + 8 \cdot 29^{15} + 22 \cdot 29^{16} + 11 \cdot 29^{17} + 20 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 4, 1, 1, 2) = 9 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 4, 1, 1, 1, 1) = 22 \cdot 29^{12} + 6 \cdot 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 28 \cdot 29^{16} + 23 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 3, 5) = 28 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 9 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 3, 4, 1) = 28 \cdot 29^{12} + 24 \cdot 29^{13} + 6 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 28 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 3, 3, 2) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 26 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 3, 3, 1, 1) = 29^{12} + 3 \cdot 29^{13} + 17 \cdot 29^{14} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 21 \cdot 29^{17} + 25 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 3, 2, 3) = 14 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 29^{15} + 26 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 3, 2, 2, 1) = 4 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 22 \cdot 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 3, 2, 1, 2) = 3 \cdot 29^{12} + 9 \cdot 29^{13} + 18 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 5 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 3, 2, 1, 1, 1) = 19 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 8 \cdot 29^{15} + 7 \cdot 29^{16} + 23 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 3, 1, 4) = 26 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 3, 1, 3, 1) = 14 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 4 \cdot 29^{17} + 20 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 3, 1, 2, 2) = 6 \cdot 29^{12} + 21 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 3, 1, 2, 1, 1) = 25 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 5 \cdot 29^{16} + 12 \cdot 29^{17} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 3, 1, 1, 3) = 11 \cdot 29^{12} + 28 \cdot 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 13 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 3, 1, 1, 2, 1) = 14 \cdot 29^{12} + 8 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 26 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 3, 1, 1, 1, 2) = 22 \cdot 29^{12} + 13 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 17 \cdot 29^{16} + 21 \cdot 29^{17} + 6 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 3, 1, 1, 1, 1) = 9 \cdot 29^{12} + 12 \cdot 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 9 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 6) = 10 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 6 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 5, 1) = 15 \cdot 29^{12} + 25 \cdot 29^{13} + 12 \cdot 29^{14} + 7 \cdot 29^{15} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 28 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 4, 2) = 21 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 4, 1, 1) = 22 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{14} + 26 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 3 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 3, 3) = 6 \cdot 29^{12} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 24 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 3, 2, 1) = 3 \cdot 29^{12} + 6 \cdot 29^{13} + 7 \cdot 29^{15} + 3 \cdot 29^{16} + 23 \cdot 29^{17} + 20 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 3, 1, 2) = 6 \cdot 29^{12} + 22 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 3, 1, 1, 1) = 17 \cdot 29^{12} + 6 \cdot 29^{13} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 9 \cdot 29^{17} + 22 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 2, 4) = 5 \cdot 29^{12} + 12 \cdot 29^{13} + 22 \cdot 29^{14} + 15 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 2, 3, 1) = 3 \cdot 29^{12} + 13 \cdot 29^{13} + 15 \cdot 29^{14} + 20 \cdot 29^{15} + 3 \cdot 29^{16} + 17 \cdot 29^{17} + 27 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 2, 2, 2) = 16 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 18 \cdot 29^{15} + 12 \cdot 29^{16} + 23 \cdot 29^{17} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 2, 2, 1, 1) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 2, 1, 3) = 19 \cdot 29^{12} + 2 \cdot 29^{13} + 12 \cdot 29^{14} + 25 \cdot 29^{15} + 14 \cdot 29^{16} + 25 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 2, 1, 2, 1) = 19 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 15 \cdot 29^{15} + 15 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 2, 1, 1, 2) = 10 \cdot 29^{12} + 24 \cdot 29^{13} + 23 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 16 \cdot 29^{17} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 2, 1, 1, 1, 1) = 8 \cdot 29^{12} + 7 \cdot 29^{13} + 14 \cdot 29^{14} + 29^{15} + 27 \cdot 29^{16} + 16 \cdot 29^{17} + 16 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 5) = 13 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 2 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 4, 1) = 7 \cdot 29^{12} + 3 \cdot 29^{13} + 22 \cdot 29^{14} + 25 \cdot 29^{15} + 25 \cdot 29^{16} + 27 \cdot 29^{17} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 3, 2) = 14 \cdot 29^{12} + 21 \cdot 29^{13} + 21 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 23 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 3, 1, 1) = 16 \cdot 29^{12} + 27 \cdot 29^{13} + 8 \cdot 29^{15} + 29^{16} + 15 \cdot 29^{17} + 20 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 2, 3) = 12 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 2, 2, 1) = 12 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 18 \cdot 29^{15} + 27 \cdot 29^{16} + 12 \cdot 29^{17} + 26 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 2, 1, 2) = 3 \cdot 29^{12} + 12 \cdot 29^{13} + 24 \cdot 29^{14} + 13 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 2, 1, 1, 1) = 17 \cdot 29^{12} + 25 \cdot 29^{13} + 13 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 4) = 18 \cdot 29^{12} + 8 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 3, 1) = 19 \cdot 29^{12} + 16 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 28 \cdot 29^{17} + 16 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 2, 2) = 15 \cdot 29^{12} + 4 \cdot 29^{13} + 7 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 2, 1, 1) = 16 \cdot 29^{12} + 18 \cdot 29^{13} + 12 \cdot 29^{14} + 29^{15} + 27 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 3) = 18 \cdot 29^{12} + 26 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 26 \cdot 29^{17} + 20 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 2, 1) = 17 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 15 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 1, 2) = 19 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{14} + 22 \cdot 29^{16} + 17 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 2, 1, 1, 1, 1, 1) = 26 \cdot 29^{12} + 15 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 7) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 6, 1) = 13 \cdot 29^{12} + 25 \cdot 29^{13} + 2 \cdot 29^{14} + 18 \cdot 29^{15} + 22 \cdot 29^{16} + 28 \cdot 29^{17} + 23 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 5, 2) = 17 \cdot 29^{12} + 15 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 7 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 5, 1, 1) = 23 \cdot 29^{12} + 4 \cdot 29^{13} + 5 \cdot 29^{14} + 13 \cdot 29^{15} + 8 \cdot 29^{16} + 27 \cdot 29^{17} + 16 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 4, 3) = 28 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 19 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 4, 2, 1) = 11 \cdot 29^{12} + 19 \cdot 29^{13} + 20 \cdot 29^{14} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 19 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 4, 1, 2) = 25 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 19 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 4, 1, 1, 1) = 6 \cdot 29^{12} + 29^{13} + 10 \cdot 29^{14} + 17 \cdot 29^{15} + 8 \cdot 29^{16} + 6 \cdot 29^{17} + 16 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 3, 4) = 28 \cdot 29^{12} + 14 \cdot 29^{13} + 4 \cdot 29^{14} + 3 \cdot 29^{15} + 22 \cdot 29^{16} + 4 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 3, 3, 1) = 24 \cdot 29^{12} + 25 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 3, 2, 2) = 12 \cdot 29^{12} + 2 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 4 \cdot 29^{17} + 27 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 3, 2, 1, 1) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 8 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 3, 1, 3) = O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 3, 1, 2, 1) = 21 \cdot 29^{12} + 11 \cdot 29^{13} + 17 \cdot 29^{15} + 14 \cdot 29^{17} + 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 3, 1, 1, 2) = 16 \cdot 29^{12} + 23 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 8 \cdot 29^{16} + 18 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 3, 1, 1, 1) = 19 \cdot 29^{12} + 11 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 12 \cdot 29^{16} + 25 \cdot 29^{17} + 22 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 5) = 11 \cdot 29^{12} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 10 \cdot 29^{15} + 23 \cdot 29^{16} + 15 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 4, 1) = 20 \cdot 29^{12} + 25 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 10 \cdot 29^{16} + 5 \cdot 29^{17} + 19 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 3, 2) = 14 \cdot 29^{12} + 19 \cdot 29^{13} + 28 \cdot 29^{14} + 11 \cdot 29^{15} + 7 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 3, 1, 1) = 8 \cdot 29^{12} + 4 \cdot 29^{13} + 20 \cdot 29^{14} + 27 \cdot 29^{15} + 25 \cdot 29^{16} + 20 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 2, 3) = 22 \cdot 29^{12} + 10 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 2, 2, 1) = 25 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 27 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 2, 1, 2) = 17 \cdot 29^{12} + 6 \cdot 29^{13} + 10 \cdot 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 2, 1, 1, 1) = 4 \cdot 29^{12} + 5 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{16} + 29^{17} + 4 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 4) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 19 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 3, 1) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 25 \cdot 29^{15} + 14 \cdot 29^{16} + 2 \cdot 29^{17} + 9 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 2, 2) = 5 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 16 \cdot 29^{15} + 4 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 2, 1, 1) = 13 \cdot 29^{12} + 10 \cdot 29^{13} + 23 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 3) = 15 \cdot 29^{12} + 18 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 2, 1) = 24 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 5 \cdot 29^{17} + 26 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 1, 2) = 4 \cdot 29^{12} + 22 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 2, 1, 1, 1, 1) = 26 \cdot 29^{12} + 11 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{15} + 10 \cdot 29^{16} + 11 \cdot 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 6) = 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 5, 1) = 13 \cdot 29^{12} + 8 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 4, 2) = 15 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 4, 1, 1) = 10 \cdot 29^{12} + 6 \cdot 29^{13} + 24 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 3, 3) = 7 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 11 \cdot 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 3, 2, 1) = 21 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 29^{17} + 26 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 3, 1, 2) = 14 \cdot 29^{12} + 20 \cdot 29^{13} + 19 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 3, 1, 1) = 27 \cdot 29^{12} + 2 \cdot 29^{13} + 22 \cdot 29^{14} + 3 \cdot 29^{15} + 11 \cdot 29^{17} + 23 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 4) = 6 \cdot 29^{12} + 13 \cdot 29^{13} + 13 \cdot 29^{14} + 23 \cdot 29^{15} + 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 3, 1) = 14 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 19 \cdot 29^{17} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 2, 2) = 14 \cdot 29^{12} + 15 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 17 \cdot 29^{17} + 15 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 2, 1) = 9 \cdot 29^{12} + 19 \cdot 29^{13} + 27 \cdot 29^{14} + 7 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 3) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 3 \cdot 29^{14} + 8 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 2, 1) = 25 \cdot 29^{12} + 24 \cdot 29^{13} + 13 \cdot 29^{14} + 4 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 1, 2) = 13 \cdot 29^{13} + 19 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 27 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 2, 1, 1, 1) = 11 \cdot 29^{12} + 11 \cdot 29^{13} + 8 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 16 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 5) = 6 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 4, 1) = 3 \cdot 29^{12} + 12 \cdot 29^{13} + 5 \cdot 29^{14} + 3 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 3, 2) = 22 \cdot 29^{12} + 27 \cdot 29^{13} + 15 \cdot 29^{14} + 13 \cdot 29^{15} + 27 \cdot 29^{16} + 11 \cdot 29^{17} + 16 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 3, 1) = 15 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 7 \cdot 29^{16} + 28 \cdot 29^{17} + 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 3) = 21 \cdot 29^{12} + 5 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 2, 1) = 16 \cdot 29^{12} + 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 1, 2) = 12 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 15 \cdot 29^{15} + 9 \cdot 29^{16} + 15 \cdot 29^{17} + 12 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 2, 1, 1) = 18 \cdot 29^{12} + 15 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 4) = 6 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 21 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 3, 1) = 21 \cdot 29^{12} + 25 \cdot 29^{13} + 19 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 2, 2) = 7 \cdot 29^{12} + 14 \cdot 29^{14} + 20 \cdot 29^{15} + 7 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 2, 1) = 26 \cdot 29^{12} + 20 \cdot 29^{13} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 7 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 3) = 29^{12} + 26 \cdot 29^{13} + 25 \cdot 29^{14} + 12 \cdot 29^{15} + 13 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 24 \cdot 29^{12} + 18 \cdot 29^{13} + 24 \cdot 29^{14} + 19 \cdot 29^{15} + 4 \cdot 29^{16} + 8 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 18 \cdot 29^{12} + 2 \cdot 29^{13} + 29^{14} + 5 \cdot 29^{15} + 13 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 5 \cdot 29^{12} + 12 \cdot 29^{13} + 12 \cdot 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 9) = 22 \cdot 29^{12} + 24 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 8, 1) = 11 \cdot 29^{12} + 2 \cdot 29^{13} + 12 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 7, 2) = 27 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 7, 1, 1) = 3 \cdot 29^{12} + 16 \cdot 29^{13} + 25 \cdot 29^{14} + 9 \cdot 29^{15} + 27 \cdot 29^{16} + 25 \cdot 29^{17} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 6, 3) = 23 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 16 \cdot 29^{15} + 4 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 6, 2, 1) = 20 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 3 \cdot 29^{17} + 5 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 6, 1, 2) = 26 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 6, 1, 1, 1) = 17 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 10 \cdot 29^{17} + 24 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 5, 4) = 9 \cdot 29^{12} + 26 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 5, 3, 1) = 17 \cdot 29^{12} + 6 \cdot 29^{13} + 9 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 2 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 5, 2, 2) = 11 \cdot 29^{12} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 13 \cdot 29^{15} + 26 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 5, 2, 1, 1) = 26 \cdot 29^{12} + 28 \cdot 29^{13} + 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 15 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 5, 1, 3) = 21 \cdot 29^{12} + 5 \cdot 29^{13} + 16 \cdot 29^{14} + 2 \cdot 29^{15} + 6 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 5, 1, 2, 1) = 18 \cdot 29^{12} + 20 \cdot 29^{13} + 17 \cdot 29^{14} + 27 \cdot 29^{15} + 20 \cdot 29^{16} + 13 \cdot 29^{17} + 17 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 5, 1, 1, 2) = 5 \cdot 29^{12} + 7 \cdot 29^{13} + 14 \cdot 29^{14} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 16 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 5, 1, 1, 1, 1) = 15 \cdot 29^{12} + 2 \cdot 29^{13} + 20 \cdot 29^{14} + 12 \cdot 29^{15} + 18 \cdot 29^{16} + 3 \cdot 29^{17} + 16 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 4, 5) = 4 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 5 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 4, 4, 1) = 29^{12} + 10 \cdot 29^{13} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 12 \cdot 29^{17} + 7 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 4, 3, 2) = 17 \cdot 29^{12} + 20 \cdot 29^{13} + 18 \cdot 29^{14} + 22 \cdot 29^{15} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 12 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 4, 3, 1, 1) = 28 \cdot 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 15 \cdot 29^{17} + 27 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 4, 2, 3) = 22 \cdot 29^{12} + 19 \cdot 29^{13} + 18 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 26 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 4, 2, 2, 1) = 18 \cdot 29^{12} + 4 \cdot 29^{13} + 21 \cdot 29^{14} + 17 \cdot 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{17} + 16 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 4, 2, 1, 2) = 25 \cdot 29^{12} + 12 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 22 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 4, 2, 1, 1, 1) = 14 \cdot 29^{12} + 18 \cdot 29^{13} + 5 \cdot 29^{14} + 10 \cdot 29^{15} + 4 \cdot 29^{16} + 13 \cdot 29^{17} + 23 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 4, 1, 4) = 13 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 5 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 4, 1, 3, 1) = 21 \cdot 29^{12} + 7 \cdot 29^{13} + 13 \cdot 29^{14} + 8 \cdot 29^{15} + 21 \cdot 29^{16} + 18 \cdot 29^{17} + 22 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 4, 1, 2, 2) = 28 \cdot 29^{12} + 19 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 20 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 4, 1, 2, 1, 1) = 22 \cdot 29^{12} + 10 \cdot 29^{13} + 21 \cdot 29^{14} + 7 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 4, 1, 1, 3) = 10 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 3 \cdot 29^{15} + 18 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 4, 1, 1, 2, 1) = 3 \cdot 29^{12} + 25 \cdot 29^{13} + 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{16} + 20 \cdot 29^{17} + 6 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 4, 1, 1, 1, 2) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 21 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 4, 1, 1, 1, 1, 1) = 28 \cdot 29^{12} + 16 \cdot 29^{13} + 28 \cdot 29^{14} + 27 \cdot 29^{15} + 9 \cdot 29^{16} + 12 \cdot 29^{17} + 27 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 6) = 18 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 5, 1) = 7 \cdot 29^{12} + 27 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 27 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 4, 2) = 29^{12} + 7 \cdot 29^{13} + 22 \cdot 29^{14} + 20 \cdot 29^{15} + 2 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 4, 1, 1) = 19 \cdot 29^{12} + 29^{13} + 29^{14} + 2 \cdot 29^{15} + 7 \cdot 29^{16} + 22 \cdot 29^{17} + 25 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 3, 3) = 27 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 23 \cdot 29^{15} + 27 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 3, 2, 1) = 9 \cdot 29^{12} + 4 \cdot 29^{13} + 4 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 3, 1, 2) = 21 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 15 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 3, 1, 1, 1) = 6 \cdot 29^{12} + 24 \cdot 29^{13} + 9 \cdot 29^{14} + 26 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 2, 4) = 2 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 2, 3, 1) = 26 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 24 \cdot 29^{16} + 26 \cdot 29^{17} + 4 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 2, 2, 2) = 29^{12} + 3 \cdot 29^{13} + 20 \cdot 29^{14} + 26 \cdot 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 2, 2, 1, 1) = 5 \cdot 29^{12} + 3 \cdot 29^{13} + 25 \cdot 29^{14} + 18 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 4 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 2, 1, 3) = 12 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 16 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 2, 1, 2, 1) = 23 \cdot 29^{12} + 28 \cdot 29^{13} + 5 \cdot 29^{14} + 13 \cdot 29^{15} + 27 \cdot 29^{16} + 13 \cdot 29^{17} + 28 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 2, 1, 1, 2) = 5 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 27 \cdot 29^{15} + 17 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 2, 1, 1, 1, 1) = 8 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 24 \cdot 29^{17} + 5 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 5) = 19 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 4, 1) = 7 \cdot 29^{12} + 26 \cdot 29^{13} + 10 \cdot 29^{14} + 11 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 3, 2) = 25 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 17 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 3, 1, 1) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 11 \cdot 29^{14} + 21 \cdot 29^{15} + 14 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 2, 3) = 9 \cdot 29^{12} + 6 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 4 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 2, 2, 1) = 19 \cdot 29^{12} + 29^{13} + 22 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 2 \cdot 29^{17} + 15 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 2, 1, 2) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 23 \cdot 29^{15} + 29^{16} + 6 \cdot 29^{17} + 18 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 2, 1, 1, 1) = 7 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 3 \cdot 29^{15} + 8 \cdot 29^{16} + 17 \cdot 29^{17} + 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 4) = 29^{12} + 5 \cdot 29^{14} + 22 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 3, 1) = 3 \cdot 29^{12} + 6 \cdot 29^{13} + 6 \cdot 29^{14} + 25 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 22 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 2, 2) = 24 \cdot 29^{12} + 13 \cdot 29^{13} + 14 \cdot 29^{14} + 11 \cdot 29^{15} + 29^{16} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 2, 1, 1) = 24 \cdot 29^{12} + 11 \cdot 29^{13} + 20 \cdot 29^{14} + 13 \cdot 29^{15} + 4 \cdot 29^{16} + 18 \cdot 29^{17} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 3) = 15 \cdot 29^{12} + 15 \cdot 29^{13} + 24 \cdot 29^{14} + 12 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 2, 1) = 11 \cdot 29^{12} + 2 \cdot 29^{13} + 12 \cdot 29^{14} + 22 \cdot 29^{15} + 20 \cdot 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 1, 2) = 26 \cdot 29^{12} + 19 \cdot 29^{13} + 3 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 13 \cdot 29^{17} + 4 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 29^{12} + 23 \cdot 29^{13} + 20 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 7) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 6, 1) = 5 \cdot 29^{12} + 3 \cdot 29^{13} + 24 \cdot 29^{14} + 27 \cdot 29^{15} + 29^{16} + 9 \cdot 29^{17} + 28 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 5, 2) = 4 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 9 \cdot 29^{16} + 27 \cdot 29^{17} + 26 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 5, 1, 1) = 29^{12} + 16 \cdot 29^{14} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 4 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 4, 3) = 20 \cdot 29^{12} + 19 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 5 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 4, 2, 1) = 20 \cdot 29^{12} + 8 \cdot 29^{13} + 7 \cdot 29^{14} + 3 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 15 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 4, 1, 2) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 4 \cdot 29^{17} + 19 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 4, 1, 1, 1) = 27 \cdot 29^{12} + 9 \cdot 29^{13} + 21 \cdot 29^{14} + 14 \cdot 29^{15} + 10 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 3, 4) = 11 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 22 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 3, 3, 1) = 19 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 19 \cdot 29^{15} + 16 \cdot 29^{16} + 7 \cdot 29^{17} + 26 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 3, 2, 2) = 4 \cdot 29^{12} + 6 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 4 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 3, 2, 1, 1) = 15 \cdot 29^{12} + 6 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 21 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 3, 1, 3) = 22 \cdot 29^{12} + 10 \cdot 29^{13} + 28 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 3, 1, 2, 1) = 7 \cdot 29^{12} + 22 \cdot 29^{13} + 4 \cdot 29^{14} + 15 \cdot 29^{15} + 25 \cdot 29^{17} + 12 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 3, 1, 1, 2) = 7 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 10 \cdot 29^{17} + 26 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 3, 1, 1, 1, 1) = 4 \cdot 29^{12} + 20 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 5) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 4, 1) = 19 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 8 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 17 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 3, 2) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 10 \cdot 29^{14} + 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 3, 1, 1) = 29^{12} + 9 \cdot 29^{13} + 28 \cdot 29^{14} + 18 \cdot 29^{15} + 2 \cdot 29^{16} + 13 \cdot 29^{17} + 26 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 2, 3) = 26 \cdot 29^{12} + 4 \cdot 29^{13} + 10 \cdot 29^{14} + 20 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 2, 2, 1) = 8 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 13 \cdot 29^{15} + 11 \cdot 29^{16} + 27 \cdot 29^{17} + 17 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 2, 1, 2) = 17 \cdot 29^{12} + 17 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 20 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 2, 1, 1, 1) = 25 \cdot 29^{12} + 10 \cdot 29^{13} + 15 \cdot 29^{14} + 7 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 4) = 27 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 3, 1) = 2 \cdot 29^{12} + 22 \cdot 29^{13} + 7 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 15 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 2, 2) = 18 \cdot 29^{13} + 11 \cdot 29^{14} + 10 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 2, 1, 1) = 25 \cdot 29^{12} + 9 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 7 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 3) = 10 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 24 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 2, 1) = 28 \cdot 29^{12} + 12 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 17 \cdot 29^{16} + 26 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 1, 2) = 16 \cdot 29^{12} + 16 \cdot 29^{13} + 10 \cdot 29^{14} + 3 \cdot 29^{15} + 25 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 12 \cdot 29^{12} + 4 \cdot 29^{13} + 9 \cdot 29^{14} + 25 \cdot 29^{15} + 9 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 6) = 9 \cdot 29^{12} + 13 \cdot 29^{13} + 19 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 5, 1) = 21 \cdot 29^{12} + 14 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 28 \cdot 29^{16} + 29^{17} + 23 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 4, 2) = 4 \cdot 29^{12} + 15 \cdot 29^{13} + 6 \cdot 29^{14} + 19 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 4, 1, 1) = 26 \cdot 29^{12} + 8 \cdot 29^{13} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 6 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 3, 3) = 7 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 12 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 3, 2, 1) = 17 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 3, 1, 2) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 3, 1, 1, 1) = 18 \cdot 29^{12} + 25 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{16} + 19 \cdot 29^{17} + 12 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 4) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 3, 1) = 29^{12} + 27 \cdot 29^{13} + 11 \cdot 29^{14} + 13 \cdot 29^{15} + 13 \cdot 29^{16} + 4 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 2, 2) = 19 \cdot 29^{12} + 24 \cdot 29^{13} + 17 \cdot 29^{14} + 15 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 2, 1, 1) = 5 \cdot 29^{12} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 2 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 3) = 14 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 29^{15} + 26 \cdot 29^{16} + 5 \cdot 29^{17} + 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 2, 1) = 11 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{14} + 18 \cdot 29^{15} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 1, 2) = 29^{12} + 20 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 18 \cdot 29^{17} + 8 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 13 \cdot 29^{12} + 7 \cdot 29^{13} + 18 \cdot 29^{14} + 14 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 5) = 16 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 4, 1) = 26 \cdot 29^{12} + 10 \cdot 29^{13} + 22 \cdot 29^{14} + 14 \cdot 29^{15} + 17 \cdot 29^{16} + 6 \cdot 29^{17} + 5 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 3, 2) = 4 \cdot 29^{12} + 9 \cdot 29^{13} + 22 \cdot 29^{14} + 9 \cdot 29^{15} + 22 \cdot 29^{16} + 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 3, 1, 1) = 21 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 9 \cdot 29^{16} + 17 \cdot 29^{17} + 7 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 3) = 22 \cdot 29^{12} + 19 \cdot 29^{13} + 18 \cdot 29^{14} + 7 \cdot 29^{15} + 2 \cdot 29^{16} + 26 \cdot 29^{17} + 6 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 2, 1) = 17 \cdot 29^{12} + 28 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 26 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 1, 2) = 8 \cdot 29^{12} + 20 \cdot 29^{13} + 5 \cdot 29^{14} + 19 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 7 \cdot 29^{12} + 5 \cdot 29^{13} + 8 \cdot 29^{14} + 23 \cdot 29^{15} + 9 \cdot 29^{16} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 4) = 29^{12} + 17 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 3, 1) = 15 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 8 \cdot 29^{15} + 18 \cdot 29^{16} + 17 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 2, 2) = 4 \cdot 29^{12} + 4 \cdot 29^{13} + 21 \cdot 29^{14} + 13 \cdot 29^{15} + 28 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 29^{12} + 3 \cdot 29^{13} + 21 \cdot 29^{14} + 23 \cdot 29^{15} + 24 \cdot 29^{16} + 23 \cdot 29^{17} + 17 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 3) = 16 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 18 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 18 \cdot 29^{12} + 12 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 6 \cdot 29^{17} + 21 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 24 \cdot 29^{14} + 20 \cdot 29^{15} + 28 \cdot 29^{16} + 15 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 24 \cdot 29^{12} + 14 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 15 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 8) = 26 \cdot 29^{12} + 27 \cdot 29^{13} + 14 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 7, 1) = 3 \cdot 29^{12} + 27 \cdot 29^{13} + 19 \cdot 29^{14} + 23 \cdot 29^{15} + 20 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 6, 2) = 29^{12} + 17 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 6, 1, 1) = 7 \cdot 29^{12} + 26 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 2 \cdot 29^{16} + 23 \cdot 29^{17} + 2 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 5, 3) = 17 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 5, 2, 1) = 25 \cdot 29^{12} + 16 \cdot 29^{13} + 12 \cdot 29^{14} + 21 \cdot 29^{15} + 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 5, 1, 2) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 29^{15} + 13 \cdot 29^{16} + 28 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 5, 1, 1, 1) = 17 \cdot 29^{12} + 3 \cdot 29^{13} + 4 \cdot 29^{14} + 8 \cdot 29^{15} + 21 \cdot 29^{16} + 17 \cdot 29^{17} + 23 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 4, 4) = 15 \cdot 29^{12} + 28 \cdot 29^{13} + 22 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{17} + 5 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 4, 3, 1) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 29^{15} + 21 \cdot 29^{16} + 29^{17} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 4, 2, 2) = 4 \cdot 29^{12} + 12 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 29^{16} + 10 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 4, 2, 1, 1) = 23 \cdot 29^{12} + 25 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 4, 1, 3) = 7 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 11 \cdot 29^{15} + 20 \cdot 29^{16} + 16 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 4, 1, 2, 1) = 25 \cdot 29^{12} + 11 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 4, 1, 1, 2) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 19 \cdot 29^{14} + 22 \cdot 29^{15} + 3 \cdot 29^{16} + 27 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 4, 1, 1, 1, 1) = 19 \cdot 29^{12} + 15 \cdot 29^{13} + 4 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 28 \cdot 29^{17} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 5) = 25 \cdot 29^{12} + 20 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 4 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 4, 1) = 24 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 27 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 3, 2) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 3 \cdot 29^{14} + 2 \cdot 29^{15} + 25 \cdot 29^{16} + 25 \cdot 29^{17} + 19 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 3, 1, 1) = 23 \cdot 29^{12} + 3 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 25 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 2, 3) = 7 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 21 \cdot 29^{16} + 12 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 2, 2, 1) = 17 \cdot 29^{12} + 4 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 7 \cdot 29^{17} + 8 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 2, 1, 2) = 4 \cdot 29^{12} + 20 \cdot 29^{13} + 3 \cdot 29^{14} + 19 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 2, 1, 1, 1) = 13 \cdot 29^{12} + 25 \cdot 29^{13} + 3 \cdot 29^{14} + 26 \cdot 29^{15} + 26 \cdot 29^{17} + 11 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 4) = 22 \cdot 29^{12} + 23 \cdot 29^{13} + 11 \cdot 29^{14} + 15 \cdot 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 11 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 3, 1) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 12 \cdot 29^{14} + 26 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 2, 2) = 20 \cdot 29^{12} + 27 \cdot 29^{13} + 9 \cdot 29^{14} + 29^{15} + 10 \cdot 29^{16} + 17 \cdot 29^{17} + 26 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 2, 1, 1) = 5 \cdot 29^{12} + 29^{13} + 17 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 3) = 10 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 18 \cdot 29^{15} + 20 \cdot 29^{16} + 29^{17} + 13 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 2, 1) = 12 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 1, 2) = 12 \cdot 29^{12} + 19 \cdot 29^{13} + 14 \cdot 29^{14} + 24 \cdot 29^{15} + 18 \cdot 29^{16} + 8 \cdot 29^{17} + 23 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 3 \cdot 29^{12} + 26 \cdot 29^{13} + 29^{14} + 13 \cdot 29^{15} + 8 \cdot 29^{16} + 14 \cdot 29^{17} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 6) = 25 \cdot 29^{13} + 13 \cdot 29^{14} + 6 \cdot 29^{15} + 4 \cdot 29^{16} + 13 \cdot 29^{17} + 3 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 5, 1) = 6 \cdot 29^{12} + 16 \cdot 29^{13} + 22 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{17} + 5 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 4, 2) = 23 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{15} + 14 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 4, 1, 1) = 27 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 9 \cdot 29^{15} + 3 \cdot 29^{16} + 15 \cdot 29^{17} + 28 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 3, 3) = 9 \cdot 29^{12} + 13 \cdot 29^{13} + 20 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 3, 2, 1) = 18 \cdot 29^{12} + 19 \cdot 29^{13} + 23 \cdot 29^{14} + 13 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 12 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 3, 1, 2) = 25 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{16} + 16 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 3, 1, 1, 1) = 19 \cdot 29^{12} + 11 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 7 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 4) = 21 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 3, 1) = 26 \cdot 29^{12} + 7 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 2, 2) = 18 \cdot 29^{12} + 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 2, 1, 1) = 8 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 26 \cdot 29^{15} + 17 \cdot 29^{16} + 28 \cdot 29^{17} + 22 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 3) = 6 \cdot 29^{12} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 24 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 2, 1) = 25 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 7 \cdot 29^{15} + 13 \cdot 29^{16} + 5 \cdot 29^{17} + 19 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 1, 2) = 19 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 4 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 5) = 2 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 4, 1) = 21 \cdot 29^{12} + 25 \cdot 29^{13} + 5 \cdot 29^{14} + 9 \cdot 29^{15} + 23 \cdot 29^{16} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 3, 2) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 8 \cdot 29^{15} + 4 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 3, 1, 1) = 21 \cdot 29^{12} + 22 \cdot 29^{13} + 19 \cdot 29^{14} + 17 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 25 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 3) = 27 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 23 \cdot 29^{15} + 27 \cdot 29^{16} + 8 \cdot 29^{17} + 27 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 2, 1) = 2 \cdot 29^{12} + 27 \cdot 29^{13} + 20 \cdot 29^{14} + 3 \cdot 29^{15} + 14 \cdot 29^{16} + 9 \cdot 29^{17} + 24 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 1, 2) = 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 23 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 7 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 2 \cdot 29^{15} + 15 \cdot 29^{16} + 22 \cdot 29^{17} + 14 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 4) = 8 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 23 \cdot 29^{15} + 16 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 3, 1) = 23 \cdot 29^{12} + 22 \cdot 29^{13} + 18 \cdot 29^{14} + 10 \cdot 29^{15} + 3 \cdot 29^{16} + 18 \cdot 29^{17} + 20 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 2, 2) = 6 \cdot 29^{12} + 15 \cdot 29^{13} + 22 \cdot 29^{14} + 24 \cdot 29^{15} + 4 \cdot 29^{17} + 21 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 6 \cdot 29^{12} + 13 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 8 \cdot 29^{16} + 6 \cdot 29^{17} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 3) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 24 \cdot 29^{12} + 22 \cdot 29^{13} + 10 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 20 \cdot 29^{13} + 10 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 3 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 24 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 25 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 7) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 10 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 6, 1) = 22 \cdot 29^{12} + 25 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 15 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 5, 2) = 28 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 10 \cdot 29^{15} + 7 \cdot 29^{16} + 8 \cdot 29^{17} + 12 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 5, 1, 1) = 24 \cdot 29^{12} + 23 \cdot 29^{13} + 15 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{16} + 10 \cdot 29^{17} + 12 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 4, 3) = 15 \cdot 29^{12} + 2 \cdot 29^{13} + 23 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 22 \cdot 29^{17} + 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 4, 2, 1) = 27 \cdot 29^{12} + 23 \cdot 29^{13} + 22 \cdot 29^{14} + 19 \cdot 29^{15} + 21 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 4, 1, 2) = 21 \cdot 29^{12} + 28 \cdot 29^{13} + 2 \cdot 29^{14} + 19 \cdot 29^{15} + 5 \cdot 29^{16} + 27 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 4, 1, 1, 1) = 17 \cdot 29^{12} + 15 \cdot 29^{13} + 25 \cdot 29^{14} + 17 \cdot 29^{15} + 19 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 4) = 17 \cdot 29^{12} + 23 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 28 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 3, 1) = 13 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 11 \cdot 29^{17} + 6 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 2, 2) = 29^{12} + 27 \cdot 29^{13} + 7 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 24 \cdot 29^{17} + 21 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 2, 1, 1) = 12 \cdot 29^{12} + 6 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 21 \cdot 29^{17} + 8 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 3) = 28 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 19 \cdot 29^{15} + 16 \cdot 29^{16} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 2, 1) = 29^{12} + 26 \cdot 29^{13} + 11 \cdot 29^{14} + 5 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 1, 2) = 11 \cdot 29^{12} + 4 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 3, 1, 1, 1, 1) = 15 \cdot 29^{12} + 2 \cdot 29^{13} + 29^{14} + 24 \cdot 29^{15} + 26 \cdot 29^{16} + 26 \cdot 29^{17} + 25 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 5) = 10 \cdot 29^{12} + 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 4, 1) = 2 \cdot 29^{12} + 22 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{16} + 9 \cdot 29^{17} + 13 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 3, 2) = 6 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 16 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 3, 1, 1) = 24 \cdot 29^{12} + 8 \cdot 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 8 \cdot 29^{17} + 8 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 3) = 20 \cdot 29^{12} + 19 \cdot 29^{13} + 23 \cdot 29^{14} + 20 \cdot 29^{15} + 5 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 2, 1) = 17 \cdot 29^{12} + 3 \cdot 29^{13} + 29^{14} + 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 1, 2) = 13 \cdot 29^{13} + 25 \cdot 29^{14} + 3 \cdot 29^{15} + 13 \cdot 29^{16} + 18 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 23 \cdot 29^{12} + 25 \cdot 29^{13} + 28 \cdot 29^{14} + 20 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 3 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 4) = 6 \cdot 29^{12} + 10 \cdot 29^{13} + 3 \cdot 29^{14} + 21 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 3, 1) = 13 \cdot 29^{12} + 20 \cdot 29^{13} + 15 \cdot 29^{14} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 15 \cdot 29^{17} + 21 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 2, 2) = 11 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 24 \cdot 29^{15} + 13 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 23 \cdot 29^{12} + 20 \cdot 29^{13} + 9 \cdot 29^{14} + 23 \cdot 29^{15} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 3) = 4 \cdot 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 25 \cdot 29^{15} + 15 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 9 \cdot 29^{13} + 17 \cdot 29^{14} + 8 \cdot 29^{15} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 21 \cdot 29^{12} + 26 \cdot 29^{14} + 10 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 11 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 6) = 21 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 12 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 5, 1) = 18 \cdot 29^{12} + 5 \cdot 29^{13} + 3 \cdot 29^{15} + 23 \cdot 29^{16} + 2 \cdot 29^{17} + 2 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 4, 2) = 8 \cdot 29^{12} + 23 \cdot 29^{13} + 3 \cdot 29^{14} + 13 \cdot 29^{15} + 12 \cdot 29^{16} + 19 \cdot 29^{17} + 12 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 4, 1, 1) = 23 \cdot 29^{12} + 5 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 17 \cdot 29^{16} + 21 \cdot 29^{17} + 13 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 3) = 17 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 2, 1) = 18 \cdot 29^{12} + 16 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 13 \cdot 29^{16} + 19 \cdot 29^{17} + 19 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 1, 2) = 15 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 3 \cdot 29^{16} + 26 \cdot 29^{17} + 15 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 16 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 12 \cdot 29^{15} + 15 \cdot 29^{16} + 4 \cdot 29^{17} + 15 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 4) = 10 \cdot 29^{12} + 26 \cdot 29^{13} + 2 \cdot 29^{14} + 29^{16} + 19 \cdot 29^{17} + 2 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 3, 1) = 22 \cdot 29^{12} + 18 \cdot 29^{13} + 24 \cdot 29^{14} + 11 \cdot 29^{15} + 15 \cdot 29^{16} + 21 \cdot 29^{17} + 25 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 2, 2) = 8 \cdot 29^{12} + 14 \cdot 29^{13} + 25 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 15 \cdot 29^{15} + 6 \cdot 29^{16} + 23 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 3) = 29^{12} + 7 \cdot 29^{13} + 12 \cdot 29^{14} + 7 \cdot 29^{15} + 8 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 11 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 21 \cdot 29^{15} + 13 \cdot 29^{16} + 15 \cdot 29^{17} + 10 \cdot 29^{18} + 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 8 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 24 \cdot 29^{12} + 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 4 \cdot 29^{16} + 9 \cdot 29^{17} + 18 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 5) = 27 \cdot 29^{12} + 12 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 6 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 4, 1) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 19 \cdot 29^{14} + 3 \cdot 29^{16} + 25 \cdot 29^{17} + 5 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 3, 2) = 27 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 13 \cdot 29^{15} + 25 \cdot 29^{16} + 23 \cdot 29^{17} + 15 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 18 \cdot 29^{12} + 11 \cdot 29^{13} + 19 \cdot 29^{14} + 25 \cdot 29^{15} + 12 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 3) = 23 \cdot 29^{12} + 3 \cdot 29^{13} + 15 \cdot 29^{14} + 16 \cdot 29^{15} + 4 \cdot 29^{16} + 25 \cdot 29^{17} + 7 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 22 \cdot 29^{12} + 28 \cdot 29^{13} + 27 \cdot 29^{14} + 4 \cdot 29^{15} + 26 \cdot 29^{16} + 22 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 14 \cdot 29^{12} + 4 \cdot 29^{13} + 18 \cdot 29^{14} + 20 \cdot 29^{15} + 11 \cdot 29^{16} + 11 \cdot 29^{17} + 26 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 13 \cdot 29^{16} + 11 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 4) = 18 \cdot 29^{12} + 14 \cdot 29^{13} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 11 \cdot 29^{12} + 19 \cdot 29^{13} + 4 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 5 \cdot 29^{17} + 19 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 29^{12} + 7 \cdot 29^{13} + 15 \cdot 29^{14} + 16 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 4 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 24 \cdot 29^{13} + 3 \cdot 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 16 \cdot 29^{17} + 25 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 20 \cdot 29^{12} + 9 \cdot 29^{13} + 28 \cdot 29^{14} + 15 \cdot 29^{15} + 2 \cdot 29^{16} + 7 \cdot 29^{17} + 4 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 11 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 14 \cdot 29^{17} + 2 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 28 \cdot 29^{12} + 16 \cdot 29^{13} + 25 \cdot 29^{14} + 12 \cdot 29^{15} + 2 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 10) = 10 \cdot 29^{12} + 24 \cdot 29^{13} + 21 \cdot 29^{14} + 5 \cdot 29^{15} + 18 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 9, 1) = 13 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 7 \cdot 29^{15} + 6 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 8, 2) = 28 \cdot 29^{12} + 11 \cdot 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 4 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 8, 1, 1) = 9 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 12 \cdot 29^{15} + 4 \cdot 29^{16} + 19 \cdot 29^{17} + 17 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 7, 3) = 18 \cdot 29^{12} + 14 \cdot 29^{13} + 11 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 12 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 7, 2, 1) = 29^{12} + 6 \cdot 29^{13} + 19 \cdot 29^{14} + 16 \cdot 29^{15} + 3 \cdot 29^{16} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 7, 1, 2) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 28 \cdot 29^{15} + 16 \cdot 29^{16} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 7, 1, 1, 1) = 6 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 16 \cdot 29^{15} + 20 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 6, 4) = 23 \cdot 29^{12} + 14 \cdot 29^{13} + 2 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 6, 3, 1) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 4 \cdot 29^{14} + 4 \cdot 29^{15} + 21 \cdot 29^{16} + 28 \cdot 29^{17} + 11 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 6, 2, 2) = 4 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 19 \cdot 29^{15} + 26 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 6, 2, 1, 1) = 26 \cdot 29^{12} + 11 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 29^{16} + 2 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 6, 1, 3) = 6 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 21 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 6, 1, 2, 1) = 2 \cdot 29^{12} + 18 \cdot 29^{13} + 7 \cdot 29^{14} + 19 \cdot 29^{15} + 19 \cdot 29^{16} + 26 \cdot 29^{17} + 11 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 6, 1, 1, 2) = 6 \cdot 29^{12} + 22 \cdot 29^{13} + 8 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 16 \cdot 29^{17} + 11 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 6, 1, 1, 1, 1) = 22 \cdot 29^{12} + 15 \cdot 29^{13} + 10 \cdot 29^{14} + 9 \cdot 29^{16} + 5 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 5, 5) = 11 \cdot 29^{12} + 26 \cdot 29^{13} + 7 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 14 \cdot 29^{17} + 3 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 5, 4, 1) = 2 \cdot 29^{12} + 8 \cdot 29^{13} + 14 \cdot 29^{14} + 14 \cdot 29^{15} + 19 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 5, 3, 2) = 21 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 5 \cdot 29^{17} + 14 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 5, 3, 1, 1) = 18 \cdot 29^{12} + 15 \cdot 29^{13} + 26 \cdot 29^{14} + 3 \cdot 29^{15} + 22 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 5, 2, 3) = 29^{12} + 17 \cdot 29^{13} + 26 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 5, 2, 2, 1) = 28 \cdot 29^{12} + 4 \cdot 29^{13} + 2 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 5, 2, 1, 2) = 2 \cdot 29^{12} + 20 \cdot 29^{13} + 15 \cdot 29^{14} + 2 \cdot 29^{15} + 11 \cdot 29^{16} + 19 \cdot 29^{17} + 13 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 5, 2, 1, 1, 1) = 18 \cdot 29^{12} + 12 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 19 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 5, 1, 4) = 13 \cdot 29^{12} + 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 5, 1, 3, 1) = 10 \cdot 29^{12} + 6 \cdot 29^{13} + 9 \cdot 29^{14} + 13 \cdot 29^{15} + 14 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 5, 1, 2, 2) = 18 \cdot 29^{12} + 13 \cdot 29^{13} + 27 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{17} + 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 5, 1, 2, 1, 1) = 8 \cdot 29^{12} + 13 \cdot 29^{13} + 20 \cdot 29^{14} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 5, 1, 1, 3) = 27 \cdot 29^{12} + 6 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 5, 1, 1, 2, 1) = 23 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 9 \cdot 29^{15} + 18 \cdot 29^{16} + 4 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 5, 1, 1, 1, 2) = 28 \cdot 29^{12} + 9 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 10 \cdot 29^{16} + 24 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 5, 1, 1, 1, 1, 1) = 26 \cdot 29^{12} + 12 \cdot 29^{13} + 12 \cdot 29^{14} + 16 \cdot 29^{15} + 19 \cdot 29^{16} + 5 \cdot 29^{17} + 7 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 6) = 20 \cdot 29^{12} + 22 \cdot 29^{13} + 12 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 5, 1) = 7 \cdot 29^{12} + 19 \cdot 29^{13} + 12 \cdot 29^{14} + 2 \cdot 29^{15} + 19 \cdot 29^{16} + 2 \cdot 29^{17} + 19 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 4, 2) = 5 \cdot 29^{12} + 5 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 6 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 4, 1, 1) = 14 \cdot 29^{12} + 8 \cdot 29^{13} + 16 \cdot 29^{14} + 20 \cdot 29^{15} + 29^{16} + 8 \cdot 29^{17} + 13 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 3, 3) = 8 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 23 \cdot 29^{15} + 16 \cdot 29^{16} + 2 \cdot 29^{17} + 13 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 3, 2, 1) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 3, 1, 2) = 9 \cdot 29^{12} + 24 \cdot 29^{13} + 20 \cdot 29^{14} + 5 \cdot 29^{15} + 17 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 3, 1, 1, 1) = 21 \cdot 29^{12} + 28 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 9 \cdot 29^{17} + 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 2, 4) = 5 \cdot 29^{12} + 14 \cdot 29^{13} + 5 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 2, 3, 1) = 9 \cdot 29^{12} + 17 \cdot 29^{13} + 8 \cdot 29^{14} + 13 \cdot 29^{15} + 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 2, 2, 2) = 27 \cdot 29^{13} + 8 \cdot 29^{15} + 17 \cdot 29^{16} + 27 \cdot 29^{17} + 22 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 2, 2, 1, 1) = 15 \cdot 29^{12} + 27 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 2, 1, 3) = 18 \cdot 29^{12} + 8 \cdot 29^{13} + 19 \cdot 29^{14} + 29^{15} + 12 \cdot 29^{16} + 16 \cdot 29^{17} + 13 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 2, 1, 2, 1) = 22 \cdot 29^{12} + 20 \cdot 29^{13} + 12 \cdot 29^{14} + 15 \cdot 29^{15} + 18 \cdot 29^{16} + 24 \cdot 29^{17} + 7 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 2, 1, 1, 2) = 16 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 8 \cdot 29^{15} + 15 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 2, 1, 1, 1, 1) = 22 \cdot 29^{12} + 5 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 5) = 8 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 11 \cdot 29^{15} + 9 \cdot 29^{16} + 13 \cdot 29^{17} + 15 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 4, 1) = 5 \cdot 29^{12} + 6 \cdot 29^{13} + 22 \cdot 29^{14} + 24 \cdot 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 6 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 3, 2) = 18 \cdot 29^{12} + 12 \cdot 29^{13} + 23 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 3, 1, 1) = 21 \cdot 29^{12} + 2 \cdot 29^{13} + 20 \cdot 29^{14} + 23 \cdot 29^{15} + 7 \cdot 29^{16} + 17 \cdot 29^{17} + 5 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 2, 3) = 29^{12} + 5 \cdot 29^{14} + 22 \cdot 29^{15} + 15 \cdot 29^{16} + 25 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 2, 2, 1) = 29^{12} + 6 \cdot 29^{13} + 18 \cdot 29^{14} + 6 \cdot 29^{15} + 5 \cdot 29^{16} + 11 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 2, 1, 2) = 5 \cdot 29^{12} + 14 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{16} + 20 \cdot 29^{17} + 17 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 2, 1, 1, 1) = 26 \cdot 29^{12} + 8 \cdot 29^{13} + 4 \cdot 29^{14} + 16 \cdot 29^{15} + 10 \cdot 29^{16} + 8 \cdot 29^{17} + 2 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 4) = 25 \cdot 29^{12} + 5 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 21 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 3, 1) = 16 \cdot 29^{12} + 26 \cdot 29^{13} + 27 \cdot 29^{14} + 18 \cdot 29^{15} + 24 \cdot 29^{16} + 15 \cdot 29^{17} + 17 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 2, 2) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{14} + 4 \cdot 29^{15} + 14 \cdot 29^{16} + 4 \cdot 29^{17} + 12 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 2, 1, 1) = 4 \cdot 29^{12} + 11 \cdot 29^{13} + 18 \cdot 29^{14} + 18 \cdot 29^{15} + 23 \cdot 29^{16} + 6 \cdot 29^{17} + 8 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 3) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 2 \cdot 29^{15} + 12 \cdot 29^{16} + 22 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 2, 1) = 26 \cdot 29^{12} + 28 \cdot 29^{13} + 26 \cdot 29^{14} + 16 \cdot 29^{15} + 12 \cdot 29^{16} + 2 \cdot 29^{17} + 5 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 1, 2) = 13 \cdot 29^{12} + 28 \cdot 29^{13} + 5 \cdot 29^{14} + 6 \cdot 29^{15} + 14 \cdot 29^{16} + 14 \cdot 29^{17} + 4 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 20 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 26 \cdot 29^{17} + 18 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 7) = 6 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 8 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 6, 1) = 24 \cdot 29^{12} + 25 \cdot 29^{13} + 28 \cdot 29^{14} + 28 \cdot 29^{15} + 13 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 5, 2) = 14 \cdot 29^{12} + 2 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 26 \cdot 29^{16} + 6 \cdot 29^{17} + 5 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 5, 1, 1) = 13 \cdot 29^{12} + 28 \cdot 29^{13} + 22 \cdot 29^{15} + 8 \cdot 29^{16} + 11 \cdot 29^{17} + 6 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 4, 3) = 6 \cdot 29^{12} + 10 \cdot 29^{13} + 3 \cdot 29^{14} + 21 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 4, 2, 1) = 25 \cdot 29^{12} + 29^{13} + 29^{14} + 24 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 22 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 4, 1, 2) = 15 \cdot 29^{12} + 14 \cdot 29^{13} + 3 \cdot 29^{14} + 25 \cdot 29^{15} + 2 \cdot 29^{16} + 18 \cdot 29^{17} + 27 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 4, 1, 1, 1) = 23 \cdot 29^{12} + 9 \cdot 29^{13} + 16 \cdot 29^{14} + 21 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 27 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 3, 4) = 11 \cdot 29^{13} + 28 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 3, 3, 1) = 4 \cdot 29^{12} + 18 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 20 \cdot 29^{16} + 24 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 3, 2, 2) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 25 \cdot 29^{17} + 13 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 3, 2, 1, 1) = 17 \cdot 29^{12} + 12 \cdot 29^{13} + 27 \cdot 29^{14} + 19 \cdot 29^{15} + 14 \cdot 29^{16} + 18 \cdot 29^{17} + 9 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 3, 1, 3) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 19 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 7 \cdot 29^{17} + 24 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 3, 1, 2, 1) = 24 \cdot 29^{12} + 27 \cdot 29^{13} + 16 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 21 \cdot 29^{17} + 6 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 3, 1, 1, 2) = 27 \cdot 29^{12} + 22 \cdot 29^{13} + 19 \cdot 29^{14} + 28 \cdot 29^{15} + 6 \cdot 29^{16} + 26 \cdot 29^{17} + 5 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 3, 1, 1, 1, 1) = 7 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 11 \cdot 29^{15} + 5 \cdot 29^{16} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 5) = 21 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 4, 1) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 19 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 7 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 3, 2) = 17 \cdot 29^{12} + 20 \cdot 29^{13} + 6 \cdot 29^{14} + 16 \cdot 29^{15} + 26 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 3, 1, 1) = 18 \cdot 29^{12} + 13 \cdot 29^{13} + 20 \cdot 29^{14} + 16 \cdot 29^{15} + 28 \cdot 29^{17} + 25 \cdot 29^{18} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 2, 3) = 27 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 3 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 2, 2, 1) = 24 \cdot 29^{12} + 22 \cdot 29^{13} + 5 \cdot 29^{14} + 25 \cdot 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 2 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 2, 1, 2) = 13 \cdot 29^{12} + 24 \cdot 29^{13} + 27 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 2, 1, 1, 1) = 25 \cdot 29^{12} + 4 \cdot 29^{13} + 18 \cdot 29^{14} + 27 \cdot 29^{15} + 21 \cdot 29^{16} + 13 \cdot 29^{17} + 22 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 4) = 28 \cdot 29^{12} + 8 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 17 \cdot 29^{16} + 13 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 3, 1) = 13 \cdot 29^{12} + 14 \cdot 29^{14} + 3 \cdot 29^{15} + 6 \cdot 29^{16} + 8 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 2, 2) = 24 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 24 \cdot 29^{16} + 13 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 2, 1, 1) = 8 \cdot 29^{12} + 13 \cdot 29^{13} + 12 \cdot 29^{14} + 10 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 1, 3) = 19 \cdot 29^{12} + 13 \cdot 29^{13} + 5 \cdot 29^{14} + 26 \cdot 29^{15} + 22 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 1, 2, 1) = 22 \cdot 29^{12} + 22 \cdot 29^{13} + 19 \cdot 29^{14} + 12 \cdot 29^{15} + 20 \cdot 29^{16} + 11 \cdot 29^{17} + 28 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 2, 1, 1, 1, 2) = 28 \cdot 29^{12} + 22 \cdot 29^{13} + 6 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 24 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 4 \cdot 29^{12} + 7 \cdot 29^{13} + 5 \cdot 29^{14} + 25 \cdot 29^{15} + 21 \cdot 29^{16} + 9 \cdot 29^{17} + 12 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 6) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 7 \cdot 29^{17} + 8 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 5, 1) = 14 \cdot 29^{12} + 27 \cdot 29^{13} + 10 \cdot 29^{14} + 3 \cdot 29^{15} + 26 \cdot 29^{16} + 5 \cdot 29^{17} + 23 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 4, 2) = 3 \cdot 29^{12} + 9 \cdot 29^{13} + 23 \cdot 29^{14} + 27 \cdot 29^{15} + 24 \cdot 29^{16} + 12 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 4, 1, 1) = 11 \cdot 29^{13} + 20 \cdot 29^{14} + 28 \cdot 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 3, 3) = 22 \cdot 29^{12} + 23 \cdot 29^{13} + 11 \cdot 29^{14} + 15 \cdot 29^{15} + 9 \cdot 29^{16} + 11 \cdot 29^{17} + 11 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 3, 2, 1) = 25 \cdot 29^{12} + 24 \cdot 29^{14} + 13 \cdot 29^{15} + 18 \cdot 29^{16} + 25 \cdot 29^{17} + 8 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 3, 1, 2) = 18 \cdot 29^{12} + 19 \cdot 29^{13} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 18 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 3, 1, 1, 1) = 8 \cdot 29^{12} + 11 \cdot 29^{14} + 22 \cdot 29^{15} + 26 \cdot 29^{16} + 5 \cdot 29^{17} + 8 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 4) = 10 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 24 \cdot 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 3, 1) = 25 \cdot 29^{13} + 23 \cdot 29^{14} + 24 \cdot 29^{15} + 8 \cdot 29^{16} + 16 \cdot 29^{17} + 21 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 2, 2) = 5 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 16 \cdot 29^{15} + 3 \cdot 29^{16} + 6 \cdot 29^{17} + 11 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 2, 1, 1) = 25 \cdot 29^{12} + 7 \cdot 29^{13} + 7 \cdot 29^{14} + 16 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 1, 3) = 26 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 14 \cdot 29^{15} + 25 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 1, 2, 1) = 16 \cdot 29^{12} + 29^{13} + 29^{14} + 28 \cdot 29^{15} + 27 \cdot 29^{16} + 29^{17} + 4 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 2, 1, 1, 2) = 25 \cdot 29^{12} + 10 \cdot 29^{13} + 28 \cdot 29^{14} + 10 \cdot 29^{15} + 22 \cdot 29^{16} + 6 \cdot 29^{17} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 9 \cdot 29^{12} + 24 \cdot 29^{13} + 25 \cdot 29^{14} + 7 \cdot 29^{15} + 7 \cdot 29^{16} + 29^{17} + 20 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 5) = 2 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 4, 1) = 27 \cdot 29^{12} + 18 \cdot 29^{13} + 12 \cdot 29^{14} + 18 \cdot 29^{15} + 13 \cdot 29^{16} + 25 \cdot 29^{17} + 19 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 3, 2) = 16 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 29^{15} + 7 \cdot 29^{16} + 22 \cdot 29^{17} + 24 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 3, 1, 1) = 29^{12} + 23 \cdot 29^{13} + 6 \cdot 29^{14} + 6 \cdot 29^{15} + 10 \cdot 29^{16} + 27 \cdot 29^{17} + 22 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 2, 3) = 13 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 5 \cdot 29^{15} + 14 \cdot 29^{16} + 17 \cdot 29^{17} + 14 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 2, 2, 1) = 18 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 25 \cdot 29^{15} + 17 \cdot 29^{16} + 3 \cdot 29^{17} + 12 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 2, 1, 2) = 2 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 11 \cdot 29^{16} + 22 \cdot 29^{17} + 16 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 17 \cdot 29^{12} + 10 \cdot 29^{13} + 24 \cdot 29^{14} + 16 \cdot 29^{15} + 16 \cdot 29^{16} + 5 \cdot 29^{17} + 27 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 4) = 13 \cdot 29^{12} + 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 9 \cdot 29^{17} + 18 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 3, 1) = 22 \cdot 29^{12} + 23 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 5 \cdot 29^{16} + 26 \cdot 29^{17} + 16 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 2, 2) = 22 \cdot 29^{12} + 7 \cdot 29^{13} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 18 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 6 \cdot 29^{12} + 16 \cdot 29^{13} + 3 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1, 3) = 22 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 5 \cdot 29^{15} + 5 \cdot 29^{16} + 6 \cdot 29^{17} + 19 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 6 \cdot 29^{12} + 2 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 11 \cdot 29^{12} + 15 \cdot 29^{13} + 23 \cdot 29^{15} + 25 \cdot 29^{16} + 9 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 27 \cdot 29^{12} + 10 \cdot 29^{13} + 18 \cdot 29^{14} + 28 \cdot 29^{15} + 26 \cdot 29^{16} + 17 \cdot 29^{17} + 7 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 8) = 13 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 25 \cdot 29^{15} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 7, 1) = 18 \cdot 29^{12} + 5 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 25 \cdot 29^{16} + 26 \cdot 29^{17} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 6, 2) = 3 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 17 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 7 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 6, 1, 1) = 2 \cdot 29^{12} + 6 \cdot 29^{13} + 9 \cdot 29^{14} + 24 \cdot 29^{15} + 6 \cdot 29^{16} + 19 \cdot 29^{17} + 26 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 5, 3) = 10 \cdot 29^{12} + 26 \cdot 29^{13} + 2 \cdot 29^{14} + 29^{16} + 19 \cdot 29^{17} + 2 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 5, 2, 1) = 6 \cdot 29^{12} + 27 \cdot 29^{13} + 15 \cdot 29^{14} + 4 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 11 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 5, 1, 2) = 10 \cdot 29^{12} + 25 \cdot 29^{13} + 15 \cdot 29^{14} + 20 \cdot 29^{15} + 18 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 5, 1, 1, 1) = 11 \cdot 29^{12} + 15 \cdot 29^{13} + 6 \cdot 29^{14} + 27 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 14 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 4, 4) = 12 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 4, 3, 1) = 9 \cdot 29^{12} + 23 \cdot 29^{13} + 7 \cdot 29^{14} + 21 \cdot 29^{15} + 11 \cdot 29^{16} + 15 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 4, 2, 2) = 22 \cdot 29^{12} + 13 \cdot 29^{13} + 14 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{16} + 17 \cdot 29^{17} + 26 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 4, 2, 1, 1) = 17 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 20 \cdot 29^{15} + 16 \cdot 29^{16} + 12 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 4, 1, 3) = 6 \cdot 29^{12} + 13 \cdot 29^{13} + 13 \cdot 29^{14} + 23 \cdot 29^{15} + 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 4, 1, 2, 1) = 4 \cdot 29^{12} + 20 \cdot 29^{13} + 9 \cdot 29^{14} + 13 \cdot 29^{15} + 10 \cdot 29^{16} + 24 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 4, 1, 1, 2) = 3 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 2 \cdot 29^{15} + 23 \cdot 29^{16} + 8 \cdot 29^{17} + 26 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 4, 1, 1, 1, 1) = 14 \cdot 29^{12} + 4 \cdot 29^{13} + 17 \cdot 29^{14} + 22 \cdot 29^{15} + 5 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 5) = 11 \cdot 29^{12} + 24 \cdot 29^{13} + 21 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 4, 1) = 26 \cdot 29^{12} + 6 \cdot 29^{13} + 11 \cdot 29^{14} + 16 \cdot 29^{15} + 26 \cdot 29^{16} + 24 \cdot 29^{17} + 20 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 3, 2) = 4 \cdot 29^{12} + 5 \cdot 29^{13} + 11 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 3, 1, 1) = 20 \cdot 29^{12} + 25 \cdot 29^{13} + 28 \cdot 29^{14} + 8 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 2, 3) = 7 \cdot 29^{12} + 11 \cdot 29^{13} + 2 \cdot 29^{14} + 7 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 2, 2, 1) = 3 \cdot 29^{12} + 25 \cdot 29^{13} + 29^{14} + 18 \cdot 29^{15} + 29^{16} + 17 \cdot 29^{17} + 4 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 2, 1, 2) = 26 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 2, 1, 1, 1) = 16 \cdot 29^{12} + 21 \cdot 29^{13} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 4) = 10 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 24 \cdot 29^{15} + 25 \cdot 29^{16} + 24 \cdot 29^{17} + 12 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 3, 1) = 28 \cdot 29^{12} + 7 \cdot 29^{13} + 16 \cdot 29^{14} + 15 \cdot 29^{15} + 10 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 2, 2) = 13 \cdot 29^{12} + 10 \cdot 29^{13} + 7 \cdot 29^{14} + 5 \cdot 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 9 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 2, 1, 1) = 25 \cdot 29^{12} + 8 \cdot 29^{13} + 13 \cdot 29^{14} + 17 \cdot 29^{15} + 4 \cdot 29^{16} + 12 \cdot 29^{17} + 28 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 1, 3) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{14} + 20 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 1, 2, 1) = 10 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 8 \cdot 29^{15} + 23 \cdot 29^{16} + 3 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 3, 1, 1, 1, 2) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 27 \cdot 29^{15} + 16 \cdot 29^{16} + 13 \cdot 29^{17} + 13 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 3, 1, 1, 1, 1, 1) = 21 \cdot 29^{12} + 2 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 5 \cdot 29^{16} + 28 \cdot 29^{17} + 13 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 6) = 14 \cdot 29^{12} + 3 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 16 \cdot 29^{17} + 25 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 5, 1) = 20 \cdot 29^{12} + 18 \cdot 29^{13} + 8 \cdot 29^{14} + 8 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 4, 2) = 27 \cdot 29^{12} + 23 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 4, 1, 1) = 21 \cdot 29^{13} + 18 \cdot 29^{14} + 12 \cdot 29^{15} + 13 \cdot 29^{16} + 14 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 3, 3) = 21 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 11 \cdot 29^{15} + 2 \cdot 29^{16} + 9 \cdot 29^{17} + 21 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 3, 2, 1) = 27 \cdot 29^{12} + 15 \cdot 29^{13} + 18 \cdot 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 3, 1, 2) = 22 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 17 \cdot 29^{15} + 18 \cdot 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 3, 1, 1, 1) = 10 \cdot 29^{12} + 12 \cdot 29^{13} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 19 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 4) = 4 \cdot 29^{12} + 11 \cdot 29^{13} + 5 \cdot 29^{14} + 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 3, 1) = 16 \cdot 29^{12} + 6 \cdot 29^{13} + 4 \cdot 29^{14} + 5 \cdot 29^{15} + 14 \cdot 29^{16} + 8 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 2, 2) = 19 \cdot 29^{13} + 12 \cdot 29^{14} + 26 \cdot 29^{15} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 2, 1, 1) = 27 \cdot 29^{12} + 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{16} + 7 \cdot 29^{17} + 10 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 1, 3) = 5 \cdot 29^{12} + 12 \cdot 29^{13} + 22 \cdot 29^{14} + 15 \cdot 29^{15} + 18 \cdot 29^{16} + 16 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 1, 2, 1) = 28 \cdot 29^{12} + 17 \cdot 29^{13} + 15 \cdot 29^{14} + 28 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 2, 1, 1, 2) = 14 \cdot 29^{12} + 9 \cdot 29^{13} + 13 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 5 \cdot 29^{17} + 4 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 2, 1, 1, 1, 1) = 17 \cdot 29^{12} + 17 \cdot 29^{13} + 18 \cdot 29^{14} + 13 \cdot 29^{15} + 22 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 5) = 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 8 \cdot 29^{17} + 10 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 4, 1) = 14 \cdot 29^{12} + 23 \cdot 29^{13} + 7 \cdot 29^{14} + 13 \cdot 29^{15} + 10 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 3, 2) = 29^{12} + 9 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 3, 1, 1) = 13 \cdot 29^{12} + 27 \cdot 29^{13} + 27 \cdot 29^{14} + 10 \cdot 29^{15} + 18 \cdot 29^{16} + 19 \cdot 29^{17} + 19 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 2, 3) = 2 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 2, 2, 1) = 9 \cdot 29^{13} + 20 \cdot 29^{14} + 27 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 2, 1, 2) = 6 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 8 \cdot 29^{15} + 29^{16} + 7 \cdot 29^{17} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 2, 1, 1, 1) = 14 \cdot 29^{13} + 17 \cdot 29^{14} + 3 \cdot 29^{15} + 10 \cdot 29^{16} + 8 \cdot 29^{17} + 28 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 4) = 5 \cdot 29^{12} + 14 \cdot 29^{13} + 5 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 3, 1) = 3 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{15} + 16 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 2, 2) = 28 \cdot 29^{12} + 28 \cdot 29^{13} + 11 \cdot 29^{14} + 3 \cdot 29^{15} + 24 \cdot 29^{16} + 23 \cdot 29^{17} + 27 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 7 \cdot 29^{12} + 29^{13} + 21 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 21 \cdot 29^{17} + 28 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1, 3) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 10 \cdot 29^{14} + 12 \cdot 29^{15} + 9 \cdot 29^{16} + 6 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 21 \cdot 29^{12} + 19 \cdot 29^{13} + 11 \cdot 29^{14} + 9 \cdot 29^{15} + 14 \cdot 29^{16} + 16 \cdot 29^{17} + 5 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 12 \cdot 29^{12} + 23 \cdot 29^{13} + 20 \cdot 29^{14} + 19 \cdot 29^{15} + 6 \cdot 29^{16} + 2 \cdot 29^{17} + 9 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 29^{12} + 17 \cdot 29^{13} + 27 \cdot 29^{14} + 6 \cdot 29^{16} + 20 \cdot 29^{17} + 12 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 7) = 11 \cdot 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 7 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 6, 1) = 25 \cdot 29^{12} + 21 \cdot 29^{13} + 7 \cdot 29^{14} + 2 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 5, 2) = 27 \cdot 29^{12} + 7 \cdot 29^{13} + 28 \cdot 29^{14} + 3 \cdot 29^{15} + 8 \cdot 29^{16} + 24 \cdot 29^{17} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 5, 1, 1) = 12 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 4 \cdot 29^{15} + 6 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 4, 3) = 17 \cdot 29^{12} + 23 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 25 \cdot 29^{16} + 4 \cdot 29^{17} + 28 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 4, 2, 1) = 26 \cdot 29^{12} + 17 \cdot 29^{14} + 12 \cdot 29^{15} + 8 \cdot 29^{16} + 22 \cdot 29^{17} + 15 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 4, 1, 2) = 26 \cdot 29^{12} + 26 \cdot 29^{13} + 15 \cdot 29^{14} + 29^{15} + 2 \cdot 29^{16} + 4 \cdot 29^{17} + 15 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 4, 1, 1, 1) = 5 \cdot 29^{12} + 9 \cdot 29^{13} + 20 \cdot 29^{14} + 21 \cdot 29^{15} + 26 \cdot 29^{16} + 24 \cdot 29^{17} + 15 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 4) = 17 \cdot 29^{12} + 17 \cdot 29^{13} + 26 \cdot 29^{14} + 18 \cdot 29^{15} + 17 \cdot 29^{16} + 3 \cdot 29^{17} + 5 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 3, 1) = 10 \cdot 29^{12} + 17 \cdot 29^{13} + 28 \cdot 29^{14} + 7 \cdot 29^{15} + 7 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 2, 2) = 10 \cdot 29^{12} + 16 \cdot 29^{13} + 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 27 \cdot 29^{17} + 9 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 2, 1, 1) = 27 \cdot 29^{12} + 4 \cdot 29^{13} + 19 \cdot 29^{14} + 5 \cdot 29^{15} + 24 \cdot 29^{16} + 4 \cdot 29^{17} + 24 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 1, 3) = 28 \cdot 29^{12} + 14 \cdot 29^{13} + 4 \cdot 29^{14} + 3 \cdot 29^{15} + 22 \cdot 29^{16} + 4 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 1, 2, 1) = 14 \cdot 29^{12} + 4 \cdot 29^{13} + 27 \cdot 29^{14} + 7 \cdot 29^{15} + 12 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 3, 1, 1, 2) = 11 \cdot 29^{12} + 4 \cdot 29^{13} + 20 \cdot 29^{14} + 5 \cdot 29^{15} + 2 \cdot 29^{16} + 15 \cdot 29^{17} + 23 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 3, 1, 1, 1, 1) = 27 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 15 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 5) = 27 \cdot 29^{12} + 11 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 16 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 4, 1) = 19 \cdot 29^{12} + 22 \cdot 29^{13} + 9 \cdot 29^{14} + 29^{15} + 17 \cdot 29^{16} + 12 \cdot 29^{17} + 28 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 3, 2) = 6 \cdot 29^{12} + 16 \cdot 29^{13} + 24 \cdot 29^{14} + 13 \cdot 29^{15} + 7 \cdot 29^{16} + 7 \cdot 29^{17} + 20 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 3, 1, 1) = 8 \cdot 29^{12} + 21 \cdot 29^{13} + 9 \cdot 29^{14} + 17 \cdot 29^{15} + 2 \cdot 29^{16} + 3 \cdot 29^{17} + 8 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 2, 3) = 11 \cdot 29^{12} + 28 \cdot 29^{13} + 7 \cdot 29^{14} + 22 \cdot 29^{15} + 18 \cdot 29^{16} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 2, 2, 1) = 8 \cdot 29^{12} + 17 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 8 \cdot 29^{17} + 8 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 2, 1, 2) = 29^{12} + 24 \cdot 29^{13} + 22 \cdot 29^{14} + 26 \cdot 29^{15} + 14 \cdot 29^{16} + 22 \cdot 29^{17} + 18 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 2, 1, 1, 1) = 25 \cdot 29^{12} + 14 \cdot 29^{13} + 16 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 28 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 4) = 11 \cdot 29^{13} + 28 \cdot 29^{14} + 8 \cdot 29^{15} + 19 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 3, 1) = 17 \cdot 29^{12} + 19 \cdot 29^{13} + 22 \cdot 29^{14} + 10 \cdot 29^{15} + 16 \cdot 29^{16} + 4 \cdot 29^{17} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 2, 2) = 29^{12} + 13 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 28 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 2, 1, 1) = 22 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1, 3) = 28 \cdot 29^{12} + 17 \cdot 29^{13} + 2 \cdot 29^{14} + 12 \cdot 29^{15} + 20 \cdot 29^{16} + 20 \cdot 29^{17} + 22 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1, 2, 1) = 22 \cdot 29^{12} + 9 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1, 1, 2) = 26 \cdot 29^{13} + 11 \cdot 29^{15} + 22 \cdot 29^{16} + 14 \cdot 29^{17} + 13 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 29^{12} + 16 \cdot 29^{13} + 28 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 6) = 9 \cdot 29^{12} + 9 \cdot 29^{13} + 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 5, 1) = 4 \cdot 29^{12} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 4 \cdot 29^{16} + 7 \cdot 29^{17} + 10 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 4, 2) = 22 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 12 \cdot 29^{15} + 11 \cdot 29^{16} + 17 \cdot 29^{17} + 19 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 4, 1, 1) = 8 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 13 \cdot 29^{17} + 28 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 3) = 15 \cdot 29^{12} + 28 \cdot 29^{13} + 22 \cdot 29^{14} + 24 \cdot 29^{15} + 14 \cdot 29^{17} + 5 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 2, 1) = 10 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 27 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 2 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 1, 2) = 8 \cdot 29^{12} + 29^{13} + 11 \cdot 29^{14} + 27 \cdot 29^{15} + 6 \cdot 29^{16} + 13 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 3, 1, 1, 1) = 9 \cdot 29^{12} + 3 \cdot 29^{13} + 8 \cdot 29^{14} + 2 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 11 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 4) = 12 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 28 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 3, 1) = 8 \cdot 29^{12} + 12 \cdot 29^{13} + 26 \cdot 29^{14} + 12 \cdot 29^{15} + 17 \cdot 29^{16} + 28 \cdot 29^{17} + 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 2, 2) = 15 \cdot 29^{12} + 24 \cdot 29^{13} + 2 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 2, 1, 1) = 12 \cdot 29^{12} + 23 \cdot 29^{13} + 29^{15} + 4 \cdot 29^{16} + 19 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 3) = 6 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 23 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 2, 1) = 28 \cdot 29^{12} + 13 \cdot 29^{13} + 28 \cdot 29^{14} + 23 \cdot 29^{15} + 9 \cdot 29^{16} + 12 \cdot 29^{17} + 24 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 18 \cdot 29^{12} + 7 \cdot 29^{13} + 10 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 5) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 8 \cdot 29^{15} + 18 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 4, 1) = 21 \cdot 29^{12} + 11 \cdot 29^{13} + 25 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 26 \cdot 29^{17} + 23 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 3, 2) = 14 \cdot 29^{12} + 14 \cdot 29^{13} + 9 \cdot 29^{14} + 4 \cdot 29^{15} + 16 \cdot 29^{16} + 19 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 3, 1, 1) = 27 \cdot 29^{12} + 19 \cdot 29^{13} + 17 \cdot 29^{14} + 26 \cdot 29^{15} + 18 \cdot 29^{16} + 11 \cdot 29^{17} + 9 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 3) = 9 \cdot 29^{12} + 26 \cdot 29^{13} + 7 \cdot 29^{14} + 28 \cdot 29^{16} + 18 \cdot 29^{17} + 10 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 2, 1) = 15 \cdot 29^{12} + 16 \cdot 29^{13} + 26 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 1, 2) = 23 \cdot 29^{12} + 16 \cdot 29^{13} + 15 \cdot 29^{14} + 24 \cdot 29^{15} + 11 \cdot 29^{16} + 28 \cdot 29^{17} + 4 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 18 \cdot 29^{12} + 7 \cdot 29^{13} + 10 \cdot 29^{14} + 26 \cdot 29^{15} + 20 \cdot 29^{16} + 25 \cdot 29^{17} + 24 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 4) = 23 \cdot 29^{12} + 14 \cdot 29^{13} + 2 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 3, 1) = 7 \cdot 29^{12} + 21 \cdot 29^{13} + 16 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 22 \cdot 29^{17} + 11 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 2, 2) = 20 \cdot 29^{12} + 21 \cdot 29^{13} + 15 \cdot 29^{14} + 9 \cdot 29^{15} + 25 \cdot 29^{16} + 25 \cdot 29^{17} + 13 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 29^{12} + 16 \cdot 29^{13} + 28 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1, 3) = 17 \cdot 29^{12} + 26 \cdot 29^{13} + 23 \cdot 29^{14} + 10 \cdot 29^{15} + 17 \cdot 29^{16} + 22 \cdot 29^{17} + 20 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 13 \cdot 29^{12} + 11 \cdot 29^{13} + 13 \cdot 29^{14} + 22 \cdot 29^{15} + 3 \cdot 29^{16} + 12 \cdot 29^{17} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 28 \cdot 29^{12} + 24 \cdot 29^{13} + 5 \cdot 29^{14} + 14 \cdot 29^{15} + 23 \cdot 29^{16} + 7 \cdot 29^{17} + 12 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 9) = 25 \cdot 29^{12} + 17 \cdot 29^{13} + 21 \cdot 29^{14} + 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 8, 1) = 27 \cdot 29^{12} + 18 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 22 \cdot 29^{16} + 24 \cdot 29^{17} + 3 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 7, 2) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 7 \cdot 29^{14} + 10 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 2 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 7, 1, 1) = 28 \cdot 29^{12} + 11 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 10 \cdot 29^{16} + 17 \cdot 29^{17} + 13 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 6, 3) = 27 \cdot 29^{12} + 12 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 6 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 6, 2, 1) = 7 \cdot 29^{12} + 2 \cdot 29^{13} + 4 \cdot 29^{14} + 7 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 20 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 6, 1, 2) = 15 \cdot 29^{12} + 8 \cdot 29^{13} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 7 \cdot 29^{16} + 2 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 6, 1, 1, 1) = 25 \cdot 29^{12} + 3 \cdot 29^{13} + 12 \cdot 29^{14} + 29^{15} + 11 \cdot 29^{16} + 14 \cdot 29^{17} + 15 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 5, 4) = 5 \cdot 29^{12} + 18 \cdot 29^{13} + 14 \cdot 29^{14} + 8 \cdot 29^{15} + 18 \cdot 29^{16} + 20 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 5, 3, 1) = 17 \cdot 29^{12} + 16 \cdot 29^{13} + 27 \cdot 29^{14} + 17 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 13 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 5, 2, 2) = 12 \cdot 29^{12} + 12 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 20 \cdot 29^{16} + 5 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 5, 2, 1, 1) = 21 \cdot 29^{12} + 4 \cdot 29^{13} + 4 \cdot 29^{14} + 22 \cdot 29^{15} + 27 \cdot 29^{16} + 15 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 5, 1, 3) = 6 \cdot 29^{12} + 19 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 12 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 5, 1, 2, 1) = 17 \cdot 29^{12} + 19 \cdot 29^{13} + 24 \cdot 29^{14} + 26 \cdot 29^{15} + 15 \cdot 29^{16} + 13 \cdot 29^{17} + 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 5, 1, 1, 2) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 23 \cdot 29^{14} + 16 \cdot 29^{15} + 24 \cdot 29^{16} + 22 \cdot 29^{17} + 13 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 5, 1, 1, 1, 1) = 22 \cdot 29^{12} + 2 \cdot 29^{13} + 8 \cdot 29^{14} + 11 \cdot 29^{15} + 19 \cdot 29^{16} + 11 \cdot 29^{17} + 6 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 5) = 18 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 4, 1) = 6 \cdot 29^{12} + 18 \cdot 29^{13} + 20 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 2 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 3, 2) = 17 \cdot 29^{12} + 8 \cdot 29^{13} + 8 \cdot 29^{14} + 15 \cdot 29^{15} + 23 \cdot 29^{16} + 16 \cdot 29^{17} + 7 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 3, 1, 1) = 4 \cdot 29^{12} + 11 \cdot 29^{13} + 3 \cdot 29^{14} + 13 \cdot 29^{15} + 9 \cdot 29^{17} + 17 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 2, 3) = 16 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 29^{16} + 19 \cdot 29^{17} + 10 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 2, 2, 1) = 25 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 27 \cdot 29^{15} + 10 \cdot 29^{16} + 4 \cdot 29^{17} + 22 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 2, 1, 2) = 21 \cdot 29^{12} + 20 \cdot 29^{13} + 10 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 2, 1, 1, 1) = 20 \cdot 29^{12} + 26 \cdot 29^{13} + 13 \cdot 29^{14} + 18 \cdot 29^{15} + 24 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 4) = 2 \cdot 29^{12} + 25 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 8 \cdot 29^{16} + 9 \cdot 29^{17} + 4 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 3, 1) = 25 \cdot 29^{12} + 25 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 12 \cdot 29^{17} + 15 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 2, 2) = 24 \cdot 29^{12} + 27 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 2 \cdot 29^{16} + 10 \cdot 29^{17} + 17 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 2, 1, 1) = 20 \cdot 29^{12} + 15 \cdot 29^{13} + 5 \cdot 29^{14} + 3 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 6 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 3) = 3 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 25 \cdot 29^{17} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 2, 1) = 22 \cdot 29^{12} + 28 \cdot 29^{13} + 4 \cdot 29^{14} + 19 \cdot 29^{15} + 22 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 1, 2) = 24 \cdot 29^{12} + 2 \cdot 29^{14} + 6 \cdot 29^{15} + 3 \cdot 29^{16} + 16 \cdot 29^{17} + 12 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 4, 1, 1, 1, 1, 1) = 3 \cdot 29^{13} + 4 \cdot 29^{14} + 11 \cdot 29^{15} + 22 \cdot 29^{16} + 8 \cdot 29^{17} + 29^{18} + 4 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 6) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 5, 1) = 28 \cdot 29^{12} + 18 \cdot 29^{13} + 21 \cdot 29^{15} + 26 \cdot 29^{16} + 6 \cdot 29^{17} + 6 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 4, 2) = 29^{12} + 10 \cdot 29^{13} + 11 \cdot 29^{14} + 12 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 28 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 4, 1, 1) = 3 \cdot 29^{12} + 26 \cdot 29^{13} + 18 \cdot 29^{14} + 28 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 3, 3) = 2 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 14 \cdot 29^{15} + 11 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 3, 2, 1) = 5 \cdot 29^{12} + 13 \cdot 29^{13} + 10 \cdot 29^{14} + 25 \cdot 29^{15} + 22 \cdot 29^{16} + 21 \cdot 29^{17} + 18 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 3, 1, 2) = 14 \cdot 29^{12} + 22 \cdot 29^{13} + 28 \cdot 29^{14} + 21 \cdot 29^{15} + 28 \cdot 29^{16} + 24 \cdot 29^{17} + 24 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 3, 1, 1, 1) = 2 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 17 \cdot 29^{15} + 21 \cdot 29^{16} + 5 \cdot 29^{17} + 14 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 4) = 29^{12} + 18 \cdot 29^{13} + 25 \cdot 29^{14} + 23 \cdot 29^{15} + 10 \cdot 29^{16} + 8 \cdot 29^{17} + 10 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 3, 1) = 18 \cdot 29^{12} + 16 \cdot 29^{13} + 4 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 15 \cdot 29^{17} + 28 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 2, 2) = 2 \cdot 29^{12} + 4 \cdot 29^{13} + 16 \cdot 29^{14} + 26 \cdot 29^{15} + 24 \cdot 29^{16} + 20 \cdot 29^{17} + 23 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 2, 1, 1) = 16 \cdot 29^{12} + 14 \cdot 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 10 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 3) = 13 \cdot 29^{12} + 28 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 2 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 2, 1) = 8 \cdot 29^{12} + 7 \cdot 29^{13} + 25 \cdot 29^{14} + 14 \cdot 29^{15} + 14 \cdot 29^{16} + 19 \cdot 29^{17} + 2 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 1, 2) = 23 \cdot 29^{12} + 28 \cdot 29^{13} + 6 \cdot 29^{14} + 10 \cdot 29^{15} + 9 \cdot 29^{16} + 25 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 19 \cdot 29^{15} + 28 \cdot 29^{16} + 6 \cdot 29^{17} + 28 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 5) = 15 \cdot 29^{12} + 12 \cdot 29^{13} + 9 \cdot 29^{14} + 11 \cdot 29^{15} + 5 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 4, 1) = 28 \cdot 29^{12} + 25 \cdot 29^{13} + 9 \cdot 29^{14} + 2 \cdot 29^{15} + 14 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 3, 2) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 12 \cdot 29^{14} + 24 \cdot 29^{15} + 21 \cdot 29^{16} + 25 \cdot 29^{17} + 21 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 3, 1, 1) = 20 \cdot 29^{12} + 2 \cdot 29^{13} + 14 \cdot 29^{14} + 22 \cdot 29^{15} + 17 \cdot 29^{16} + 5 \cdot 29^{17} + 23 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 3) = 19 \cdot 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 23 \cdot 29^{15} + 8 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 2, 1) = 24 \cdot 29^{12} + 23 \cdot 29^{13} + 23 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 3 \cdot 29^{17} + 7 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 1, 2) = 25 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{16} + 26 \cdot 29^{17} + 7 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 15 \cdot 29^{13} + 9 \cdot 29^{14} + 14 \cdot 29^{16} + 21 \cdot 29^{17} + 17 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 4) = 8 \cdot 29^{12} + 24 \cdot 29^{13} + 3 \cdot 29^{14} + 11 \cdot 29^{15} + 9 \cdot 29^{16} + 13 \cdot 29^{17} + 15 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 3, 1) = 23 \cdot 29^{12} + 10 \cdot 29^{13} + 12 \cdot 29^{14} + 23 \cdot 29^{15} + 2 \cdot 29^{16} + 10 \cdot 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 2, 2) = 9 \cdot 29^{12} + 11 \cdot 29^{13} + 24 \cdot 29^{14} + 26 \cdot 29^{15} + 27 \cdot 29^{16} + 17 \cdot 29^{17} + 21 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 23 \cdot 29^{12} + 11 \cdot 29^{13} + 16 \cdot 29^{14} + 12 \cdot 29^{16} + 9 \cdot 29^{17} + 10 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 3) = 2 \cdot 29^{12} + 8 \cdot 29^{13} + 7 \cdot 29^{14} + 4 \cdot 29^{15} + 17 \cdot 29^{16} + 14 \cdot 29^{17} + 16 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 6 \cdot 29^{12} + 13 \cdot 29^{13} + 15 \cdot 29^{14} + 19 \cdot 29^{15} + 2 \cdot 29^{16} + 25 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 8 \cdot 29^{12} + 21 \cdot 29^{13} + 6 \cdot 29^{14} + 12 \cdot 29^{15} + 17 \cdot 29^{16} + 25 \cdot 29^{17} + 16 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 3 \cdot 29^{12} + 20 \cdot 29^{13} + 11 \cdot 29^{14} + 2 \cdot 29^{16} + 7 \cdot 29^{17} + 5 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 7) = 21 \cdot 29^{12} + 25 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 12 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 6, 1) = 22 \cdot 29^{12} + 17 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 2 \cdot 29^{16} + 20 \cdot 29^{17} + 14 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 5, 2) = 3 \cdot 29^{12} + 2 \cdot 29^{13} + 17 \cdot 29^{14} + 28 \cdot 29^{15} + 18 \cdot 29^{16} + 17 \cdot 29^{17} + 23 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 5, 1, 1) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{16} + 28 \cdot 29^{17} + 18 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 4, 3) = 10 \cdot 29^{12} + 29^{13} + 12 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{17} + 25 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 4, 2, 1) = 27 \cdot 29^{12} + 11 \cdot 29^{13} + 27 \cdot 29^{14} + 4 \cdot 29^{15} + 17 \cdot 29^{16} + 26 \cdot 29^{17} + 25 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 4, 1, 2) = 8 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 10 \cdot 29^{15} + 10 \cdot 29^{16} + 14 \cdot 29^{17} + 3 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 4, 1, 1, 1) = 6 \cdot 29^{12} + 4 \cdot 29^{13} + 26 \cdot 29^{14} + 29^{15} + 6 \cdot 29^{16} + 22 \cdot 29^{17} + 7 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 4) = 27 \cdot 29^{12} + 11 \cdot 29^{13} + 7 \cdot 29^{14} + 15 \cdot 29^{15} + 16 \cdot 29^{16} + 20 \cdot 29^{17} + 10 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 3, 1) = 17 \cdot 29^{12} + 24 \cdot 29^{13} + 26 \cdot 29^{14} + 6 \cdot 29^{15} + 29^{16} + 14 \cdot 29^{17} + 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 2, 2) = 11 \cdot 29^{12} + 13 \cdot 29^{14} + 16 \cdot 29^{15} + 4 \cdot 29^{16} + 27 \cdot 29^{17} + 15 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 2, 1, 1) = 6 \cdot 29^{12} + 20 \cdot 29^{13} + 4 \cdot 29^{14} + 27 \cdot 29^{15} + 7 \cdot 29^{16} + 10 \cdot 29^{17} + 14 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 3) = 11 \cdot 29^{12} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 10 \cdot 29^{15} + 23 \cdot 29^{16} + 15 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 2, 1) = 24 \cdot 29^{12} + 28 \cdot 29^{13} + 19 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 10 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 1, 2) = 15 \cdot 29^{12} + 22 \cdot 29^{13} + 24 \cdot 29^{14} + 9 \cdot 29^{15} + 4 \cdot 29^{16} + 20 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 14 \cdot 29^{12} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 29^{16} + 28 \cdot 29^{17} + 6 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 5) = 26 \cdot 29^{12} + 17 \cdot 29^{13} + 19 \cdot 29^{14} + 2 \cdot 29^{15} + 6 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 4, 1) = 9 \cdot 29^{12} + 4 \cdot 29^{13} + 5 \cdot 29^{14} + 3 \cdot 29^{15} + 4 \cdot 29^{16} + 25 \cdot 29^{17} + 28 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 3, 2) = 15 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 21 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 3, 1, 1) = 26 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 15 \cdot 29^{15} + 8 \cdot 29^{16} + 7 \cdot 29^{17} + 20 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 3) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 5 \cdot 29^{16} + 5 \cdot 29^{17} + 6 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 2, 1) = 12 \cdot 29^{12} + 6 \cdot 29^{13} + 18 \cdot 29^{14} + 26 \cdot 29^{16} + 24 \cdot 29^{17} + 18 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 1, 2) = 8 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 28 \cdot 29^{16} + 2 \cdot 29^{17} + 28 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 14 \cdot 29^{12} + 11 \cdot 29^{13} + 22 \cdot 29^{14} + 7 \cdot 29^{15} + 24 \cdot 29^{16} + 16 \cdot 29^{17} + 12 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 4) = 21 \cdot 29^{12} + 29^{13} + 6 \cdot 29^{14} + 15 \cdot 29^{15} + 20 \cdot 29^{16} + 10 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 3, 1) = 19 \cdot 29^{12} + 23 \cdot 29^{13} + 21 \cdot 29^{14} + 24 \cdot 29^{15} + 5 \cdot 29^{16} + 19 \cdot 29^{17} + 9 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 2, 2) = 19 \cdot 29^{12} + 21 \cdot 29^{13} + 23 \cdot 29^{14} + 13 \cdot 29^{15} + 8 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 20 \cdot 29^{12} + 12 \cdot 29^{13} + 11 \cdot 29^{14} + 23 \cdot 29^{15} + 26 \cdot 29^{16} + 23 \cdot 29^{17} + 9 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 3) = 17 \cdot 29^{12} + 4 \cdot 29^{13} + 12 \cdot 29^{14} + 9 \cdot 29^{15} + 28 \cdot 29^{16} + 26 \cdot 29^{17} + 24 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 8 \cdot 29^{12} + 18 \cdot 29^{13} + 3 \cdot 29^{14} + 16 \cdot 29^{15} + 17 \cdot 29^{16} + 4 \cdot 29^{17} + 18 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 16 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{14} + 25 \cdot 29^{15} + 5 \cdot 29^{16} + 24 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 11 \cdot 29^{12} + 24 \cdot 29^{13} + 16 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 15 \cdot 29^{17} + 26 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 6) = 23 \cdot 29^{12} + 15 \cdot 29^{13} + 2 \cdot 29^{14} + 21 \cdot 29^{15} + 5 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 5, 1) = 28 \cdot 29^{12} + 21 \cdot 29^{13} + 8 \cdot 29^{14} + 17 \cdot 29^{15} + 21 \cdot 29^{16} + 17 \cdot 29^{17} + 9 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 4, 2) = 18 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 28 \cdot 29^{15} + 15 \cdot 29^{16} + 28 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 4, 1, 1) = 25 \cdot 29^{12} + 7 \cdot 29^{13} + 26 \cdot 29^{14} + 25 \cdot 29^{15} + 15 \cdot 29^{16} + 12 \cdot 29^{17} + 9 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 3) = 25 \cdot 29^{12} + 20 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 4 \cdot 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 2, 1) = 28 \cdot 29^{12} + 2 \cdot 29^{13} + 15 \cdot 29^{14} + 27 \cdot 29^{15} + 23 \cdot 29^{16} + 23 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 1, 2) = 11 \cdot 29^{12} + 10 \cdot 29^{13} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 8 \cdot 29^{17} + 18 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 3, 1, 1) = 18 \cdot 29^{12} + 17 \cdot 29^{13} + 26 \cdot 29^{14} + 22 \cdot 29^{15} + 6 \cdot 29^{16} + 20 \cdot 29^{17} + 12 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 4) = 11 \cdot 29^{12} + 24 \cdot 29^{13} + 21 \cdot 29^{14} + 19 \cdot 29^{15} + 7 \cdot 29^{16} + 14 \cdot 29^{17} + 14 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 3, 1) = 23 \cdot 29^{12} + 16 \cdot 29^{13} + 18 \cdot 29^{14} + 16 \cdot 29^{15} + 13 \cdot 29^{16} + 23 \cdot 29^{17} + 6 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 2, 2) = 22 \cdot 29^{12} + 16 \cdot 29^{13} + 21 \cdot 29^{14} + 16 \cdot 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 12 \cdot 29^{12} + 24 \cdot 29^{13} + 12 \cdot 29^{14} + 10 \cdot 29^{17} + 9 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 3) = 28 \cdot 29^{12} + 13 \cdot 29^{13} + 6 \cdot 29^{14} + 26 \cdot 29^{15} + 9 \cdot 29^{16} + 9 \cdot 29^{17} + 9 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 24 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 13 \cdot 29^{15} + 23 \cdot 29^{16} + 19 \cdot 29^{17} + 11 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 9 \cdot 29^{12} + 22 \cdot 29^{13} + 4 \cdot 29^{14} + 29^{15} + 20 \cdot 29^{16} + 15 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 7 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 5) = 18 \cdot 29^{12} + 8 \cdot 29^{13} + 3 \cdot 29^{14} + 21 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 10 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 4, 1) = 14 \cdot 29^{12} + 15 \cdot 29^{13} + 9 \cdot 29^{14} + 16 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 25 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 3, 2) = 12 \cdot 29^{12} + 21 \cdot 29^{13} + 24 \cdot 29^{14} + 10 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 10 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 14 \cdot 29^{12} + 22 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{15} + 4 \cdot 29^{16} + 11 \cdot 29^{17} + 3 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 3) = 4 \cdot 29^{12} + 5 \cdot 29^{13} + 15 \cdot 29^{14} + 14 \cdot 29^{15} + 28 \cdot 29^{16} + 27 \cdot 29^{17} + 5 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 23 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 20 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 8 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 28 \cdot 29^{12} + 15 \cdot 29^{13} + 13 \cdot 29^{14} + 27 \cdot 29^{15} + 21 \cdot 29^{16} + 4 \cdot 29^{17} + 25 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 22 \cdot 29^{12} + 13 \cdot 29^{13} + 8 \cdot 29^{14} + 5 \cdot 29^{15} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 8 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 4) = 11 \cdot 29^{12} + 26 \cdot 29^{13} + 7 \cdot 29^{14} + 23 \cdot 29^{15} + 19 \cdot 29^{16} + 14 \cdot 29^{17} + 3 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 3 \cdot 29^{12} + 10 \cdot 29^{13} + 14 \cdot 29^{14} + 17 \cdot 29^{15} + 12 \cdot 29^{16} + 18 \cdot 29^{17} + 7 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 25 \cdot 29^{12} + 3 \cdot 29^{13} + 2 \cdot 29^{14} + 13 \cdot 29^{15} + 27 \cdot 29^{16} + 27 \cdot 29^{17} + 28 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 7 \cdot 29^{12} + 3 \cdot 29^{13} + 14 \cdot 29^{15} + 27 \cdot 29^{16} + 22 \cdot 29^{17} + 22 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 4 \cdot 29^{12} + 14 \cdot 29^{14} + 26 \cdot 29^{15} + 19 \cdot 29^{16} + 4 \cdot 29^{17} + 13 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 9 \cdot 29^{12} + 18 \cdot 29^{13} + 23 \cdot 29^{14} + 8 \cdot 29^{15} + 20 \cdot 29^{16} + 27 \cdot 29^{17} + 21 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 13 \cdot 29^{12} + 11 \cdot 29^{13} + 15 \cdot 29^{14} + 27 \cdot 29^{15} + 15 \cdot 29^{16} + 19 \cdot 29^{17} + 15 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 8) = 11 \cdot 29^{12} + 12 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 7, 1) = 25 \cdot 29^{12} + 26 \cdot 29^{13} + 22 \cdot 29^{14} + 10 \cdot 29^{15} + 18 \cdot 29^{16} + 6 \cdot 29^{17} + 13 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 6, 2) = 15 \cdot 29^{12} + 18 \cdot 29^{13} + 23 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 29^{17} + 17 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 6, 1, 1) = 16 \cdot 29^{12} + 17 \cdot 29^{13} + 14 \cdot 29^{14} + 29^{15} + 9 \cdot 29^{16} + 23 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 5, 3) = 21 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 21 \cdot 29^{15} + 12 \cdot 29^{16} + 29^{17} + 9 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 5, 2, 1) = 14 \cdot 29^{12} + 10 \cdot 29^{13} + 10 \cdot 29^{14} + 9 \cdot 29^{15} + 29^{16} + 29^{17} + 9 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 5, 1, 2) = 5 \cdot 29^{12} + 24 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{15} + 18 \cdot 29^{16} + 13 \cdot 29^{17} + 28 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 5, 1, 1, 1) = 5 \cdot 29^{14} + 18 \cdot 29^{15} + 14 \cdot 29^{16} + 3 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 4) = 9 \cdot 29^{12} + 9 \cdot 29^{13} + 29^{14} + 5 \cdot 29^{15} + 20 \cdot 29^{16} + 17 \cdot 29^{17} + 8 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 3, 1) = 17 \cdot 29^{12} + 19 \cdot 29^{13} + 21 \cdot 29^{14} + 22 \cdot 29^{15} + 21 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 2, 2) = 15 \cdot 29^{12} + 16 \cdot 29^{13} + 13 \cdot 29^{14} + 11 \cdot 29^{15} + 16 \cdot 29^{16} + 26 \cdot 29^{17} + 13 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 2, 1, 1) = 22 \cdot 29^{12} + 28 \cdot 29^{13} + 14 \cdot 29^{14} + 14 \cdot 29^{15} + 19 \cdot 29^{16} + 15 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 3) = 29^{12} + 4 \cdot 29^{13} + 22 \cdot 29^{14} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 13 \cdot 29^{17} + 18 \cdot 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 2, 1) = 13 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 1, 2) = 21 \cdot 29^{12} + 20 \cdot 29^{14} + 4 \cdot 29^{15} + 19 \cdot 29^{16} + 22 \cdot 29^{17} + 9 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 13 \cdot 29^{12} + 3 \cdot 29^{13} + 19 \cdot 29^{14} + 20 \cdot 29^{15} + 23 \cdot 29^{16} + 24 \cdot 29^{17} + 14 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 5) = 23 \cdot 29^{12} + 15 \cdot 29^{13} + 2 \cdot 29^{14} + 21 \cdot 29^{15} + 5 \cdot 29^{16} + 11 \cdot 29^{17} + 22 \cdot 29^{18} + 6 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 4, 1) = 16 \cdot 29^{12} + 24 \cdot 29^{13} + 29^{14} + 15 \cdot 29^{15} + 28 \cdot 29^{16} + 8 \cdot 29^{17} + 25 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 3, 2) = 16 \cdot 29^{12} + 19 \cdot 29^{13} + 29^{14} + 17 \cdot 29^{15} + 24 \cdot 29^{16} + 14 \cdot 29^{17} + 26 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 3, 1, 1) = 23 \cdot 29^{12} + 17 \cdot 29^{13} + 17 \cdot 29^{14} + 9 \cdot 29^{15} + 7 \cdot 29^{16} + 17 \cdot 29^{17} + 16 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 3) = 9 \cdot 29^{12} + 13 \cdot 29^{13} + 19 \cdot 29^{14} + 4 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 2, 1) = 19 \cdot 29^{12} + 3 \cdot 29^{13} + 18 \cdot 29^{14} + 25 \cdot 29^{15} + 6 \cdot 29^{16} + 11 \cdot 29^{17} + 5 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 1, 2) = 2 \cdot 29^{12} + 27 \cdot 29^{13} + 17 \cdot 29^{14} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 16 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 14 \cdot 29^{12} + 11 \cdot 29^{14} + 13 \cdot 29^{16} + 11 \cdot 29^{17} + 8 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 4) = 12 \cdot 29^{12} + 17 \cdot 29^{13} + 25 \cdot 29^{14} + 20 \cdot 29^{15} + 24 \cdot 29^{16} + 7 \cdot 29^{17} + 8 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 3, 1) = 16 \cdot 29^{12} + 23 \cdot 29^{13} + 6 \cdot 29^{14} + 22 \cdot 29^{15} + 29^{16} + 16 \cdot 29^{17} + 8 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 2, 2) = 5 \cdot 29^{12} + 5 \cdot 29^{13} + 2 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 7 \cdot 29^{17} + 9 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 17 \cdot 29^{12} + 4 \cdot 29^{13} + 11 \cdot 29^{14} + 6 \cdot 29^{15} + 2 \cdot 29^{16} + 23 \cdot 29^{17} + 21 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 3) = 6 \cdot 29^{12} + 17 \cdot 29^{13} + 7 \cdot 29^{14} + 25 \cdot 29^{15} + 20 \cdot 29^{16} + 23 \cdot 29^{17} + 5 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 25 \cdot 29^{12} + 15 \cdot 29^{13} + 3 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 29^{17} + 7 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 5 \cdot 29^{12} + 10 \cdot 29^{13} + 16 \cdot 29^{14} + 13 \cdot 29^{15} + 21 \cdot 29^{16} + 20 \cdot 29^{17} + 19 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 3, 1, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 6) = 8 \cdot 29^{12} + 18 \cdot 29^{13} + 20 \cdot 29^{14} + 6 \cdot 29^{15} + 6 \cdot 29^{16} + 6 \cdot 29^{17} + 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 5, 1) = 5 \cdot 29^{12} + 22 \cdot 29^{13} + 15 \cdot 29^{14} + 26 \cdot 29^{15} + 5 \cdot 29^{16} + 3 \cdot 29^{17} + 12 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 4, 2) = 8 \cdot 29^{12} + 28 \cdot 29^{13} + 12 \cdot 29^{14} + 20 \cdot 29^{15} + 4 \cdot 29^{16} + 4 \cdot 29^{17} + 8 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 4, 1, 1) = 9 \cdot 29^{12} + 4 \cdot 29^{13} + 27 \cdot 29^{14} + 8 \cdot 29^{15} + 27 \cdot 29^{16} + 12 \cdot 29^{17} + 19 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 3) = 25 \cdot 29^{13} + 13 \cdot 29^{14} + 6 \cdot 29^{15} + 4 \cdot 29^{16} + 13 \cdot 29^{17} + 3 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 2, 1) = 15 \cdot 29^{12} + 18 \cdot 29^{13} + 3 \cdot 29^{14} + 6 \cdot 29^{16} + 5 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 1, 2) = 15 \cdot 29^{12} + 24 \cdot 29^{13} + 10 \cdot 29^{14} + 18 \cdot 29^{15} + 26 \cdot 29^{16} + 4 \cdot 29^{17} + 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 2 \cdot 29^{12} + 25 \cdot 29^{13} + 17 \cdot 29^{14} + 21 \cdot 29^{15} + 25 \cdot 29^{16} + 10 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 4) = 14 \cdot 29^{12} + 3 \cdot 29^{13} + 24 \cdot 29^{14} + 18 \cdot 29^{15} + 16 \cdot 29^{17} + 25 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 3, 1) = 11 \cdot 29^{12} + 16 \cdot 29^{13} + 7 \cdot 29^{14} + 29^{16} + 4 \cdot 29^{17} + 22 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 2, 2) = 7 \cdot 29^{12} + 21 \cdot 29^{13} + 14 \cdot 29^{14} + 10 \cdot 29^{15} + 18 \cdot 29^{16} + 24 \cdot 29^{17} + 2 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 2, 1, 1) = 2 \cdot 29^{12} + 13 \cdot 29^{13} + 17 \cdot 29^{14} + 20 \cdot 29^{15} + 3 \cdot 29^{16} + 11 \cdot 29^{17} + 25 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 3) = 10 \cdot 29^{14} + 28 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 6 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 2, 1) = 24 \cdot 29^{12} + 27 \cdot 29^{13} + 4 \cdot 29^{14} + 10 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 21 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 1, 2) = 11 \cdot 29^{12} + 19 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 29^{16} + 10 \cdot 29^{17} + 21 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 21 \cdot 29^{12} + 20 \cdot 29^{13} + 23 \cdot 29^{14} + 25 \cdot 29^{15} + 6 \cdot 29^{16} + 4 \cdot 29^{17} + 28 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 5) = 25 \cdot 29^{12} + 13 \cdot 29^{13} + 8 \cdot 29^{14} + 14 \cdot 29^{15} + 12 \cdot 29^{16} + 5 \cdot 29^{17} + 24 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 4, 1) = 12 \cdot 29^{12} + 18 \cdot 29^{13} + 17 \cdot 29^{14} + 11 \cdot 29^{15} + 18 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 3, 2) = 19 \cdot 29^{12} + 19 \cdot 29^{13} + 6 \cdot 29^{14} + 21 \cdot 29^{15} + 18 \cdot 29^{16} + 15 \cdot 29^{17} + 3 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 3, 1, 1) = 19 \cdot 29^{12} + 11 \cdot 29^{13} + 23 \cdot 29^{14} + 17 \cdot 29^{15} + 10 \cdot 29^{16} + 2 \cdot 29^{17} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 3) = 18 \cdot 29^{12} + 13 \cdot 29^{13} + 3 \cdot 29^{14} + 3 \cdot 29^{15} + 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 2, 1) = 24 \cdot 29^{12} + 8 \cdot 29^{13} + 2 \cdot 29^{14} + 5 \cdot 29^{15} + 27 \cdot 29^{16} + 15 \cdot 29^{17} + 9 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 1, 2) = 2 \cdot 29^{12} + 25 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 16 \cdot 29^{16} + 18 \cdot 29^{17} + 25 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 16 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 20 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 17 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 4) = 20 \cdot 29^{12} + 22 \cdot 29^{13} + 12 \cdot 29^{14} + 19 \cdot 29^{15} + 23 \cdot 29^{16} + 11 \cdot 29^{17} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 3, 1) = 28 \cdot 29^{12} + 18 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 4 \cdot 29^{16} + 17 \cdot 29^{17} + 25 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 2, 2) = 28 \cdot 29^{12} + 14 \cdot 29^{13} + 18 \cdot 29^{14} + 26 \cdot 29^{15} + 25 \cdot 29^{16} + 17 \cdot 29^{17} + 5 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 16 \cdot 29^{12} + 6 \cdot 29^{13} + 12 \cdot 29^{14} + 20 \cdot 29^{15} + 14 \cdot 29^{16} + 12 \cdot 29^{17} + 17 \cdot 29^{18} + 8 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 3) = 2 \cdot 29^{12} + 26 \cdot 29^{13} + 5 \cdot 29^{14} + 2 \cdot 29^{15} + 29^{16} + 15 \cdot 29^{17} + 8 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 23 \cdot 29^{12} + 26 \cdot 29^{13} + 16 \cdot 29^{14} + 14 \cdot 29^{15} + 3 \cdot 29^{16} + 21 \cdot 29^{17} + 3 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 7) = 17 \cdot 29^{12} + 10 \cdot 29^{13} + 24 \cdot 29^{14} + 2 \cdot 29^{15} + 8 \cdot 29^{16} + 2 \cdot 29^{17} + 17 \cdot 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 6, 1) = 15 \cdot 29^{12} + 5 \cdot 29^{13} + 6 \cdot 29^{14} + 16 \cdot 29^{15} + 11 \cdot 29^{16} + 27 \cdot 29^{17} + 11 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 5, 2) = 4 \cdot 29^{12} + 18 \cdot 29^{13} + 16 \cdot 29^{14} + 15 \cdot 29^{15} + 24 \cdot 29^{16} + 11 \cdot 29^{17} + 24 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 5, 1, 1) = 20 \cdot 29^{12} + 15 \cdot 29^{13} + 16 \cdot 29^{14} + 9 \cdot 29^{15} + 22 \cdot 29^{16} + 2 \cdot 29^{17} + 3 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 3) = 17 \cdot 29^{12} + 5 \cdot 29^{13} + 10 \cdot 29^{14} + 10 \cdot 29^{15} + 15 \cdot 29^{16} + 24 \cdot 29^{17} + 11 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 2, 1) = 2 \cdot 29^{12} + 23 \cdot 29^{13} + 5 \cdot 29^{14} + 28 \cdot 29^{15} + 8 \cdot 29^{16} + 3 \cdot 29^{17} + 6 \cdot 29^{18} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 1, 2) = 28 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 29^{15} + 22 \cdot 29^{16} + 3 \cdot 29^{17} + 13 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 8 \cdot 29^{12} + 27 \cdot 29^{13} + 25 \cdot 29^{14} + 29^{15} + 26 \cdot 29^{16} + 24 \cdot 29^{17} + 20 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 4) = 11 \cdot 29^{12} + 3 \cdot 29^{13} + 27 \cdot 29^{14} + 7 \cdot 29^{15} + 11 \cdot 29^{16} + 3 \cdot 29^{17} + 7 \cdot 29^{18} + 15 \cdot 29^{19} + O(29^{20}) \\
 \zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 3, 1) = 11 \cdot 29^{12} + 26 \cdot 29^{13} + 6 \cdot 29^{14} + 9 \cdot 29^{15} + 5 \cdot 29^{16} + 20 \cdot 29^{17} + 25 \cdot 29^{18} + 13 \cdot 29^{19} + O(29^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 2, 2) = 3 \cdot 29^{12} + 14 \cdot 29^{13} + 26 \cdot 29^{14} + 11 \cdot 29^{15} + 12 \cdot 29^{16} + 27 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 16 \cdot 29^{12} + 10 \cdot 29^{13} + 2 \cdot 29^{14} + 28 \cdot 29^{15} + 25 \cdot 29^{16} + 8 \cdot 29^{17} + 13 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 3) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 26 \cdot 29^{14} + 4 \cdot 29^{15} + 7 \cdot 29^{16} + 7 \cdot 29^{17} + 17 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 2 \cdot 29^{12} + 10 \cdot 29^{13} + 3 \cdot 29^{14} + 23 \cdot 29^{15} + 3 \cdot 29^{16} + 25 \cdot 29^{17} + 9 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 10 \cdot 29^{12} + 16 \cdot 29^{13} + 27 \cdot 29^{14} + 3 \cdot 29^{15} + 19 \cdot 29^{16} + 3 \cdot 29^{17} + 11 \cdot 29^{18} + 4 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 11 \cdot 29^{12} + 29^{13} + 25 \cdot 29^{14} + 19 \cdot 29^{15} + 3 \cdot 29^{16} + 4 \cdot 29^{17} + 13 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 5) = 21 \cdot 29^{12} + 25 \cdot 29^{13} + 19 \cdot 29^{14} + 26 \cdot 29^{15} + 2 \cdot 29^{16} + 21 \cdot 29^{17} + 12 \cdot 29^{18} + 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 4, 1) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 21 \cdot 29^{14} + 2 \cdot 29^{15} + 27 \cdot 29^{16} + 28 \cdot 29^{17} + 20 \cdot 29^{18} + 11 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 3, 2) = 14 \cdot 29^{12} + 12 \cdot 29^{13} + 10 \cdot 29^{14} + 4 \cdot 29^{15} + 18 \cdot 29^{17} + 11 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 2 \cdot 29^{12} + 20 \cdot 29^{13} + 28 \cdot 29^{14} + 3 \cdot 29^{15} + 7 \cdot 29^{16} + 16 \cdot 29^{17} + 24 \cdot 29^{18} + 21 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 3) = 20 \cdot 29^{12} + 3 \cdot 29^{13} + 11 \cdot 29^{14} + 26 \cdot 29^{15} + 16 \cdot 29^{16} + 29^{17} + 19 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 22 \cdot 29^{12} + 2 \cdot 29^{13} + 11 \cdot 29^{14} + 7 \cdot 29^{15} + 19 \cdot 29^{16} + 28 \cdot 29^{17} + 19 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 14 \cdot 29^{12} + 29^{13} + 2 \cdot 29^{14} + 15 \cdot 29^{15} + 13 \cdot 29^{16} + 12 \cdot 29^{17} + 29^{18} + 24 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 13 \cdot 29^{13} + 28 \cdot 29^{14} + 4 \cdot 29^{15} + 22 \cdot 29^{17} + 23 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 4) = 6 \cdot 29^{12} + 4 \cdot 29^{13} + 13 \cdot 29^{14} + 8 \cdot 29^{15} + 25 \cdot 29^{16} + 7 \cdot 29^{17} + 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 24 \cdot 29^{12} + 23 \cdot 29^{13} + 26 \cdot 29^{14} + 14 \cdot 29^{15} + 28 \cdot 29^{16} + 16 \cdot 29^{17} + 14 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 20 \cdot 29^{12} + 11 \cdot 29^{13} + 11 \cdot 29^{14} + 24 \cdot 29^{15} + 10 \cdot 29^{16} + 6 \cdot 29^{17} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 13 \cdot 29^{12} + 22 \cdot 29^{13} + 16 \cdot 29^{14} + 8 \cdot 29^{15} + 14 \cdot 29^{16} + 16 \cdot 29^{17} + 11 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 28 \cdot 29^{12} + 5 \cdot 29^{13} + 27 \cdot 29^{14} + 2 \cdot 29^{15} + 28 \cdot 29^{16} + 17 \cdot 29^{17} + 3 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 18 \cdot 29^{12} + 18 \cdot 29^{13} + 13 \cdot 29^{14} + 12 \cdot 29^{15} + 2 \cdot 29^{16} + 29^{17} + 11 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 29^{12} + 10 \cdot 29^{13} + 21 \cdot 29^{14} + 21 \cdot 29^{15} + 18 \cdot 29^{16} + 20 \cdot 29^{17} + 18 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 6) = 11 \cdot 29^{12} + 12 \cdot 29^{13} + 13 \cdot 29^{14} + 29^{15} + 3 \cdot 29^{16} + 8 \cdot 29^{17} + 19 \cdot 29^{18} + 7 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 5, 1) = 12 \cdot 29^{12} + 29^{13} + 11 \cdot 29^{14} + 16 \cdot 29^{15} + 12 \cdot 29^{16} + 12 \cdot 29^{17} + 16 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 4, 2) = 10 \cdot 29^{12} + 21 \cdot 29^{13} + 5 \cdot 29^{14} + 18 \cdot 29^{15} + 19 \cdot 29^{16} + 12 \cdot 29^{17} + 23 \cdot 29^{18} + 3 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 23 \cdot 29^{12} + 8 \cdot 29^{13} + 9 \cdot 29^{14} + 15 \cdot 29^{15} + 25 \cdot 29^{16} + 18 \cdot 29^{17} + 14 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 3) = 26 \cdot 29^{12} + 27 \cdot 29^{13} + 14 \cdot 29^{14} + 12 \cdot 29^{15} + 5 \cdot 29^{16} + 28 \cdot 29^{17} + 5 \cdot 29^{18} + 12 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 2 \cdot 29^{13} + 5 \cdot 29^{14} + 9 \cdot 29^{15} + 5 \cdot 29^{16} + 15 \cdot 29^{17} + 19 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 10 \cdot 29^{12} + 20 \cdot 29^{13} + 24 \cdot 29^{14} + 21 \cdot 29^{15} + 29^{16} + 22 \cdot 29^{17} + 26 \cdot 29^{18} + 14 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 2 \cdot 29^{12} + 18 \cdot 29^{13} + 10 \cdot 29^{14} + 2 \cdot 29^{16} + 11 \cdot 29^{17} + 21 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 4) = 13 \cdot 29^{12} + 9 \cdot 29^{13} + 27 \cdot 29^{14} + 25 \cdot 29^{15} + 27 \cdot 29^{16} + 23 \cdot 29^{17} + 8 \cdot 29^{18} + 10 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 6 \cdot 29^{12} + 20 \cdot 29^{13} + 15 \cdot 29^{14} + 22 \cdot 29^{15} + 7 \cdot 29^{16} + 11 \cdot 29^{17} + 27 \cdot 29^{18} + 17 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 12 \cdot 29^{12} + 12 \cdot 29^{13} + 19 \cdot 29^{14} + 16 \cdot 29^{15} + 27 \cdot 29^{16} + 2 \cdot 29^{17} + 10 \cdot 29^{18} + 20 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 17 \cdot 29^{12} + 4 \cdot 29^{13} + 16 \cdot 29^{14} + 28 \cdot 29^{15} + 28 \cdot 29^{16} + 18 \cdot 29^{17} + 19 \cdot 29^{18} + 18 \cdot 29^{19} + O(29^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1, 3) = 19 \cdot 29^{12} + 16 \cdot 29^{14} + 5 \cdot 29^{15} + 7 \cdot 29^{16} + 26 \cdot 29^{17} + 27 \cdot 29^{18} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 29^{12} + 27 \cdot 29^{13} + 5 \cdot 29^{14} + 21 \cdot 29^{15} + 19 \cdot 29^{16} + 19 \cdot 29^{17} + 12 \cdot 29^{18} + 2 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 29^{12} + 4 \cdot 29^{13} + 23 \cdot 29^{14} + 14 \cdot 29^{15} + 5 \cdot 29^{16} + 21 \cdot 29^{17} + 16 \cdot 29^{18} + 28 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 5) = 25 \cdot 29^{12} + 17 \cdot 29^{13} + 21 \cdot 29^{14} + 29^{15} + 28 \cdot 29^{16} + 22 \cdot 29^{17} + 25 \cdot 29^{18} + 16 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 4, 1) = 8 \cdot 29^{12} + 2 \cdot 29^{13} + 24 \cdot 29^{14} + 24 \cdot 29^{15} + 2 \cdot 29^{16} + 10 \cdot 29^{17} + 29^{18} + 23 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 3, 2) = 25 \cdot 29^{12} + 14 \cdot 29^{13} + 12 \cdot 29^{14} + 9 \cdot 29^{15} + 6 \cdot 29^{16} + 21 \cdot 29^{17} + 7 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 8 \cdot 29^{12} + 25 \cdot 29^{13} + 4 \cdot 29^{14} + 7 \cdot 29^{15} + 28 \cdot 29^{16} + 7 \cdot 29^{17} + 11 \cdot 29^{18} + 26 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2, 3) = 22 \cdot 29^{12} + 24 \cdot 29^{13} + 27 \cdot 29^{14} + 29^{16} + 17 \cdot 29^{17} + 24 \cdot 29^{18} + 5 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 10 \cdot 29^{12} + 28 \cdot 29^{13} + 8 \cdot 29^{14} + 9 \cdot 29^{15} + 2 \cdot 29^{16} + 12 \cdot 29^{17} + 6 \cdot 29^{18} + 9 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 14 \cdot 29^{12} + 20 \cdot 29^{13} + 8 \cdot 29^{14} + 6 \cdot 29^{15} + 17 \cdot 29^{16} + 18 \cdot 29^{17} + 6 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 4) = 10 \cdot 29^{12} + 24 \cdot 29^{13} + 21 \cdot 29^{14} + 5 \cdot 29^{15} + 18 \cdot 29^{16} + 23 \cdot 29^{17} + 18 \cdot 29^{18} + 19 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 3, 1) = 10 \cdot 29^{12} + 7 \cdot 29^{13} + 17 \cdot 29^{14} + 16 \cdot 29^{16} + 6 \cdot 29^{17} + 3 \cdot 29^{18} + 22 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 28 \cdot 29^{12} + 29^{13} + 26 \cdot 29^{14} + 16 \cdot 29^{15} + 5 \cdot 29^{16} + 4 \cdot 29^{17} + 17 \cdot 29^{18} + 25 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 3) = 2 \cdot 29^{12} + 28 \cdot 29^{13} + 15 \cdot 29^{14} + 18 \cdot 29^{15} + 3 \cdot 29^{16} + 22 \cdot 29^{17} + 3 \cdot 29^{18} + 27 \cdot 29^{19} + O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(29^{20}) \\
\zeta_{29}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{29}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(29^{20})
\end{aligned}$$

11.  $p = 31$  CASE

## 11.1. weight 0 case.

$$\zeta_{31}([\emptyset]) = \zeta_{31}() = 1 + O(31^{20})$$

## 11.2. weight 1 case.

$$\zeta_{31}([1]) = \zeta_{31}(1) = O(31^{20})$$

## 11.3. weight 2 case.

$$\zeta_{31}([1, 0]) = \zeta_{31}(2) = O(31^{20})$$

$$\zeta_{31}([1, 1]) = \zeta_{31}(1, 1) = O(31^{20})$$

## 11.4. weight 3 case.

$$\zeta_{31}([1, 0, 0]) = \zeta_{31}(3) = 16 \cdot 31^3 + 8 \cdot 31^4 + 14 \cdot 31^5 + 14 \cdot 31^6 + 6 \cdot 31^7 + 23 \cdot 31^9 + 2 \cdot 31^{10} + 19 \cdot 31^{12} + 13 \cdot 31^{13} + 7 \cdot 31^{14} + 27 \cdot 31^{15} + 7 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 1]) = \zeta_{31}(2, 1) = 30 \cdot 31^3 + 13 \cdot 31^4 + 2 \cdot 31^5 + 2 \cdot 31^6 + 18 \cdot 31^7 + 30 \cdot 31^8 + 15 \cdot 31^9 + 25 \cdot 31^{10} + 30 \cdot 31^{11} + 23 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 17 \cdot 31^{18} + 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 0]) = \zeta_{31}(1, 2) = 16 \cdot 31^3 + 8 \cdot 31^4 + 14 \cdot 31^5 + 14 \cdot 31^6 + 6 \cdot 31^7 + 23 \cdot 31^9 + 2 \cdot 31^{10} + 19 \cdot 31^{12} + 13 \cdot 31^{13} + 7 \cdot 31^{14} + 27 \cdot 31^{15} + 7 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1]) = \zeta_{31}(1, 1, 1) = O(31^{20})$$

## 11.5. weight 4 case.

$$\zeta_{31}([1, 0, 0, 0]) = \zeta_{31}(4) = O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 1]) = \zeta_{31}(3, 1) = O(31^{20})$$

$$\zeta_{31}([1, 0, 1, 0]) = \zeta_{31}(2, 2) = O(31^{20})$$

$$\zeta_{31}([1, 0, 1, 1]) = \zeta_{31}(2, 1, 1) = O(31^{20})$$

$$\zeta_{31}([1, 1, 0, 0]) = \zeta_{31}(1, 3) = O(31^{20})$$

$$\zeta_{31}([1, 1, 0, 1]) = \zeta_{31}(1, 2, 1) = O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 0]) = \zeta_{31}(1, 1, 2) = O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 1) = O(31^{20})$$



$$\begin{aligned}
& \zeta_{31}([1, 0, 1, 1, 1, 1]) = \zeta_{31}(2, 1, 1, 1, 1) = O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 0, 0, 0]) = \zeta_{31}(1, 5) = 27 \cdot 31^6 + 22 \cdot 31^7 + 18 \cdot 31^8 + 27 \cdot 31^9 + 23 \cdot 31^{10} + 24 \cdot 31^{11} + 30 \cdot 31^{12} + 22 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 10 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 0, 0, 1]) = \zeta_{31}(1, 4, 1) = 12 \cdot 31^6 + 24 \cdot 31^7 + 5 \cdot 31^8 + 10 \cdot 31^9 + 21 \cdot 31^{10} + 18 \cdot 31^{11} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 13 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 0, 1, 0]) = \zeta_{31}(1, 3, 2) = 19 \cdot 31^6 + 6 \cdot 31^7 + 25 \cdot 31^8 + 20 \cdot 31^9 + 9 \cdot 31^{10} + 12 \cdot 31^{11} + 30 \cdot 31^{12} + 6 \cdot 31^{13} + 17 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{17} + 22 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 0, 1, 1]) = \zeta_{31}(1, 3, 1, 1) = 4 \cdot 31^6 + 8 \cdot 31^7 + 12 \cdot 31^8 + 3 \cdot 31^9 + 7 \cdot 31^{10} + 6 \cdot 31^{11} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 20 \cdot 31^{16} + 15 \cdot 31^{17} + 23 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 1, 0, 0]) = \zeta_{31}(1, 2, 3) = 24 \cdot 31^6 + 17 \cdot 31^7 + 11 \cdot 31^8 + 20 \cdot 31^9 + 11 \cdot 31^{10} + 6 \cdot 31^{11} + 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{14} + 26 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 1, 0, 1]) = \zeta_{31}(1, 2, 2, 1) = 30 \cdot 31^6 + 27 \cdot 31^7 + 25 \cdot 31^8 + 3 \cdot 31^9 + 5 \cdot 31^{10} + 12 \cdot 31^{11} + 29 \cdot 31^{12} + 28 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 29 \cdot 31^{17} + 28 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 1, 1, 0]) = \zeta_{31}(1, 2, 1, 2) = 4 \cdot 31^6 + 8 \cdot 31^7 + 12 \cdot 31^8 + 3 \cdot 31^9 + 7 \cdot 31^{10} + 6 \cdot 31^{11} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 20 \cdot 31^{16} + 15 \cdot 31^{17} + 23 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 0, 1, 1, 1]) = \zeta_{31}(1, 2, 1, 1, 1) = O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 0, 0, 0]) = \zeta_{31}(1, 1, 4) = 23 \cdot 31^6 + 14 \cdot 31^7 + 6 \cdot 31^8 + 24 \cdot 31^9 + 16 \cdot 31^{10} + 18 \cdot 31^{11} + 30 \cdot 31^{12} + 14 \cdot 31^{13} + 11 \cdot 31^{14} + 31^{15} + 21 \cdot 31^{16} + 30 \cdot 31^{17} + 14 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 0, 0, 1]) = \zeta_{31}(1, 1, 3, 1) = 8 \cdot 31^6 + 16 \cdot 31^7 + 24 \cdot 31^8 + 6 \cdot 31^9 + 14 \cdot 31^{10} + 12 \cdot 31^{11} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 29 \cdot 31^{15} + 9 \cdot 31^{16} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 0, 1, 0]) = \zeta_{31}(1, 1, 2, 2) = 8 \cdot 31^6 + 16 \cdot 31^7 + 24 \cdot 31^8 + 6 \cdot 31^9 + 14 \cdot 31^{10} + 12 \cdot 31^{11} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 29 \cdot 31^{15} + 9 \cdot 31^{16} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 0, 1, 1]) = \zeta_{31}(1, 1, 2, 1, 1) = O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 1, 0, 0]) = \zeta_{31}(1, 1, 1, 3) = 27 \cdot 31^6 + 22 \cdot 31^7 + 18 \cdot 31^8 + 27 \cdot 31^9 + 23 \cdot 31^{10} + 24 \cdot 31^{11} + 30 \cdot 31^{12} + 22 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 10 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 1, 0, 1]) = \zeta_{31}(1, 1, 1, 2, 1) = O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 1, 1, 0]) = \zeta_{31}(1, 1, 1, 1, 2) = O(31^{20}) \\
& \zeta_{31}([1, 1, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 1, 1, 1) = O(31^{20})
\end{aligned}$$

### 11.8. weight 7 case.

$$\begin{aligned}
& \zeta_{31}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{31}(7) = 29 \cdot 31^7 + 26 \cdot 31^8 + 8 \cdot 31^9 + 29 \cdot 31^{10} + 10 \cdot 31^{11} + 7 \cdot 31^{12} + 14 \cdot 31^{13} + 24 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 26 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{31}(6, 1) = 8 \cdot 31^7 + 16 \cdot 31^8 + 26 \cdot 31^9 + 6 \cdot 31^{10} + 18 \cdot 31^{11} + 31^{12} + 5 \cdot 31^{13} + 26 \cdot 31^{14} + 17 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{31}(5, 2) = 11 \cdot 31^7 + 21 \cdot 31^8 + 26 \cdot 31^9 + 13 \cdot 31^{10} + 16 \cdot 31^{11} + 11 \cdot 31^{12} + 18 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{15} + 8 \cdot 31^{16} + 9 \cdot 31^{17} + 21 \cdot 31^{18} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{31}(5, 1, 1) = 4 \cdot 31^7 + 8 \cdot 31^8 + 13 \cdot 31^9 + 3 \cdot 31^{10} + 9 \cdot 31^{11} + 16 \cdot 31^{12} + 2 \cdot 31^{13} + 13 \cdot 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 4 \cdot 31^{17} + 8 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{31}(4, 3) = 5 \cdot 31^7 + 11 \cdot 31^8 + 26 \cdot 31^9 + 30 \cdot 31^{10} + 19 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 4 \cdot 31^{16} + 8 \cdot 31^{17} + 11 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{31}(4, 2, 1) = 5 \cdot 31^7 + 21 \cdot 31^8 + 3 \cdot 31^9 + 5 \cdot 31^{10} + 31^{11} + 16 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 28 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{31}(4, 1, 2) = 8 \cdot 31^7 + 23 \cdot 31^8 + 31^9 + 14 \cdot 31^{10} + 21 \cdot 31^{11} + 5 \cdot 31^{12} + 27 \cdot 31^{13} + 19 \cdot 31^{14} + 7 \cdot 31^{15} + 9 \cdot 31^{16} + 18 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{31}(4, 1, 1, 1) = 2 \cdot 31^7 + 16 \cdot 31^8 + 3 \cdot 31^9 + 29 \cdot 31^{10} + 2 \cdot 31^{11} + 6 \cdot 31^{12} + 21 \cdot 31^{13} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 11 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{31}(3, 4) = 28 \cdot 31^7 + 23 \cdot 31^8 + 26 \cdot 31^9 + 31^{10} + 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{31}(3, 3, 1) = 5 \cdot 31^7 + 18 \cdot 31^8 + 31^9 + 7 \cdot 31^{10} + 23 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 23 \cdot 31^{15} + 22 \cdot 31^{16} + 17 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{31}(3, 2, 2) = 17 \cdot 31^7 + 23 \cdot 31^8 + 22 \cdot 31^9 + 13 \cdot 31^{10} + 2 \cdot 31^{11} + 27 \cdot 31^{12} + 25 \cdot 31^{13} + 29 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 25 \cdot 31^{17} + 17 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{31}(3, 2, 1, 1) = 6 \cdot 31^7 + 3 \cdot 31^8 + 25 \cdot 31^9 + 6 \cdot 31^{10} + 24 \cdot 31^{11} + 15 \cdot 31^{12} + 4 \cdot 31^{13} + 9 \cdot 31^{14} + 9 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{31}(3, 1, 3) = 16 \cdot 31^7 + 16 \cdot 31^8 + 5 \cdot 31^9 + 8 \cdot 31^{10} + 28 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 24 \cdot 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{31}(3, 1, 2, 1) = 20 \cdot 31^7 + 28 \cdot 31^8 + 22 \cdot 31^9 + 20 \cdot 31^{10} + 6 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{15} + 16 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
& \zeta_{31}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{31}(3, 1, 1, 2) = 8 \cdot 31^7 + 23 \cdot 31^8 + 31^9 + 14 \cdot 31^{10} + 21 \cdot 31^{11} + 5 \cdot 31^{12} + 27 \cdot 31^{13} + 19 \cdot 31^{14} + 7 \cdot 31^{15} + 9 \cdot 31^{16} + 18 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 1) = 2 \cdot 31^7 + 16 \cdot 31^8 + 3 \cdot 31^9 + 29 \cdot 31^{10} + 2 \cdot 31^{11} + 6 \cdot 31^{12} + 21 \cdot 31^{13} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 11 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 2) = 22 \cdot 31^7 + 20 \cdot 31^8 + 31^9 + 26 \cdot 31^{10} + 6 \cdot 31^{11} + 16 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{16} + 2 \cdot 31^{17} + 9 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1) = 25 \cdot 31^7 + 18 \cdot 31^8 + 26 \cdot 31^9 + 25 \cdot 31^{10} + 31^{11} + 22 \cdot 31^{12} + 11 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 24 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 3) = 16 \cdot 31^7 + 13 \cdot 31^8 + 3 \cdot 31^9 + 10 \cdot 31^{10} + 19 \cdot 31^{11} + 16 \cdot 31^{12} + 14 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1) = 11 \cdot 31^7 + 21 \cdot 31^8 + 26 \cdot 31^9 + 13 \cdot 31^{10} + 16 \cdot 31^{11} + 11 \cdot 31^{12} + 18 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{15} + 8 \cdot 31^{16} + 9 \cdot 31^{17} + 21 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2) = 28 \cdot 31^7 + 23 \cdot 31^8 + 26 \cdot 31^9 + 31^{10} + 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1) = 9 \cdot 31^7 + 19 \cdot 31^8 + 8 \cdot 31^9 + 3 \cdot 31^{10} + 29 \cdot 31^{11} + 7 \cdot 31^{12} + 25 \cdot 31^{13} + 6 \cdot 31^{14} + 27 \cdot 31^{15} + 14 \cdot 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 4) = 21 \cdot 31^7 + 10 \cdot 31^8 + 13 \cdot 31^9 + 22 \cdot 31^{10} + 23 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 29 \cdot 31^{14} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1) = 8 \cdot 31^7 + 16 \cdot 31^8 + 26 \cdot 31^9 + 6 \cdot 31^{10} + 18 \cdot 31^{11} + 31^{12} + 5 \cdot 31^{13} + 26 \cdot 31^{14} + 17 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2) = 22 \cdot 31^7 + 13 \cdot 31^8 + 26 \cdot 31^9 + 18 \cdot 31^{10} + 3 \cdot 31^{11} + 12 \cdot 31^{12} + 29 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1) = 31^7 + 31^8 + 9 \cdot 31^9 + 5 \cdot 31^{10} + 9 \cdot 31^{11} + 17 \cdot 31^{12} + 27 \cdot 31^{13} + 25 \cdot 31^{14} + 2 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3) = 25 \cdot 31^7 + 18 \cdot 31^8 + 26 \cdot 31^9 + 25 \cdot 31^{10} + 31^{11} + 22 \cdot 31^{12} + 11 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 24 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1) = 12 \cdot 31^7 + 24 \cdot 31^8 + 8 \cdot 31^9 + 10 \cdot 31^{10} + 27 \cdot 31^{11} + 17 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 11 \cdot 31^{15} + 31^{16} + 13 \cdot 31^{17} + 24 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2) = 29 \cdot 31^7 + 26 \cdot 31^8 + 8 \cdot 31^9 + 29 \cdot 31^{10} + 10 \cdot 31^{11} + 7 \cdot 31^{12} + 14 \cdot 31^{13} + 24 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 26 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1) = O(31^{20})
\end{aligned}$$

### 11.9. weight 8 case.

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(8) = O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(7, 1) = 24 \cdot 31^8 + 26 \cdot 31^9 + 25 \cdot 31^{10} + 13 \cdot 31^{11} + 31^{12} + 31^{13} + 4 \cdot 31^{14} + 18 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(6, 2) = 15 \cdot 31^8 + 22 \cdot 31^9 + 6 \cdot 31^{10} + 30 \cdot 31^{11} + 31^{12} + 16 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(6, 1, 1) = 13 \cdot 31^8 + 25 \cdot 31^9 + 13 \cdot 31^{10} + 7 \cdot 31^{11} + 23 \cdot 31^{12} + 10 \cdot 31^{13} + 31^{14} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(5, 3) = 6 \cdot 31^8 + 7 \cdot 31^9 + 19 \cdot 31^{10} + 8 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 19 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(5, 2, 1) = 27 \cdot 31^8 + 16 \cdot 31^9 + 15 \cdot 31^{10} + 13 \cdot 31^{11} + 9 \cdot 31^{12} + 2 \cdot 31^{13} + 9 \cdot 31^{14} + 23 \cdot 31^{15} + 28 \cdot 31^{16} + 6 \cdot 31^{17} + 5 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(5, 1, 2) = 26 \cdot 31^8 + 11 \cdot 31^9 + 9 \cdot 31^{10} + 19 \cdot 31^{11} + 4 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 17 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(5, 1, 1, 1) = 16 \cdot 31^8 + 27 \cdot 31^9 + 12 \cdot 31^{10} + 24 \cdot 31^{11} + 6 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 16 \cdot 31^{15} + 18 \cdot 31^{16} + 4 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 4) = O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 3, 1) = 4 \cdot 31^8 + 15 \cdot 31^9 + 16 \cdot 31^{10} + 2 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 22 \cdot 31^{14} + 10 \cdot 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 2, 2) = 11 \cdot 31^8 + 7 \cdot 31^9 + 19 \cdot 31^{10} + 6 \cdot 31^{11} + 22 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 2, 1, 1) = 6 \cdot 31^8 + 4 \cdot 31^9 + 24 \cdot 31^{11} + 13 \cdot 31^{12} + 5 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 14 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 3) = 23 \cdot 31^8 + 7 \cdot 31^9 + 28 \cdot 31^{10} + 16 \cdot 31^{11} + 7 \cdot 31^{12} + 25 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 28 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 2, 1) = 22 \cdot 31^8 + 4 \cdot 31^9 + 11 \cdot 31^{10} + 12 \cdot 31^{11} + 20 \cdot 31^{12} + 19 \cdot 31^{13} + 11 \cdot 31^{14} + 27 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 2) = 22 \cdot 31^8 + 20 \cdot 31^9 + 4 \cdot 31^{10} + 16 \cdot 31^{11} + 18 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 11 \cdot 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 1) = 23 \cdot 31^8 + 18 \cdot 31^{10} + 10 \cdot 31^{11} + 5 \cdot 31^{12} + 28 \cdot 31^{13} + 19 \cdot 31^{14} + 29 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 5) = 18 \cdot 31^8 + 19 \cdot 31^9 + 6 \cdot 31^{10} + 5 \cdot 31^{11} + 12 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 4, 1) = 31^8 + 25 \cdot 31^9 + 6 \cdot 31^{10} + 18 \cdot 31^{11} + 22 \cdot 31^{12} + 30 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 23 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 3, 2) = 2 \cdot 31^8 + 13 \cdot 31^9 + 4 \cdot 31^{11} + 16 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 3, 1, 1) = 2 \cdot 31^8 + 8 \cdot 31^9 + 25 \cdot 31^{10} + 19 \cdot 31^{11} + 7 \cdot 31^{12} + 18 \cdot 31^{13} + 14 \cdot 31^{14} + 31^{15} + 22 \cdot 31^{16} + 6 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 3) = 9 \cdot 31^8 + 21 \cdot 31^9 + 24 \cdot 31^{10} + 18 \cdot 31^{11} + 6 \cdot 31^{12} + 21 \cdot 31^{13} + 4 \cdot 31^{14} + 15 \cdot 31^{15} + 22 \cdot 31^{16} + 16 \cdot 31^{17} + 7 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 2, 1) = 18 \cdot 31^8 + 9 \cdot 31^9 + 4 \cdot 31^{10} + 3 \cdot 31^{11} + 3 \cdot 31^{12} + 6 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 2) = 4 \cdot 31^8 + 26 \cdot 31^9 + 8 \cdot 31^{11} + 31^{12} + 15 \cdot 31^{13} + 23 \cdot 31^{14} + 31^{15} + 2 \cdot 31^{16} + 4 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 1) = 7 \cdot 31^9 + 12 \cdot 31^{10} + 27 \cdot 31^{11} + 17 \cdot 31^{12} + 27 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 4) = 15 \cdot 31^8 + 6 \cdot 31^9 + 6 \cdot 31^{10} + 22 \cdot 31^{11} + 30 \cdot 31^{12} + 13 \cdot 31^{13} + 13 \cdot 31^{14} + 15 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 4 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 3, 1) = 19 \cdot 31^8 + 17 \cdot 31^9 + 2 \cdot 31^{10} + 24 \cdot 31^{11} + 14 \cdot 31^{12} + 30 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 14 \cdot 31^{16} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 2) = 5 \cdot 31^8 + 22 \cdot 31^9 + 4 \cdot 31^{10} + 13 \cdot 31^{11} + 13 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 1) = 20 \cdot 31^8 + 28 \cdot 31^9 + 10 \cdot 31^{10} + 4 \cdot 31^{11} + 13 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 27 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 19 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 3) = 29 \cdot 31^8 + 19 \cdot 31^9 + 15 \cdot 31^{10} + 5 \cdot 31^{11} + 31^{12} + 31^{13} + 3 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 24 \cdot 31^{17} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 1) = 25 \cdot 31^8 + 22 \cdot 31^9 + 10 \cdot 31^{10} + 6 \cdot 31^{11} + 6 \cdot 31^{12} + 9 \cdot 31^{13} + 3 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 2) = 26 \cdot 31^8 + 11 \cdot 31^9 + 9 \cdot 31^{10} + 19 \cdot 31^{11} + 4 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 17 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1) = 27 \cdot 31^8 + 2 \cdot 31^9 + 24 \cdot 31^{10} + 10 \cdot 31^{11} + 20 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 16 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 6) = 16 \cdot 31^8 + 8 \cdot 31^9 + 24 \cdot 31^{10} + 29 \cdot 31^{12} + 14 \cdot 31^{13} + 17 \cdot 31^{14} + 29 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 30 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 5, 1) = 10 \cdot 31^8 + 30 \cdot 31^9 + 22 \cdot 31^{10} + 6 \cdot 31^{11} + 26 \cdot 31^{12} + 20 \cdot 31^{13} + 22 \cdot 31^{14} + 26 \cdot 31^{15} + 5 \cdot 31^{16} + 6 \cdot 31^{17} + 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 4, 2) = 25 \cdot 31^8 + 24 \cdot 31^9 + 16 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 16 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 4, 1, 1) = 3 \cdot 31^8 + 15 \cdot 31^9 + 18 \cdot 31^{10} + 13 \cdot 31^{11} + 14 \cdot 31^{12} + 8 \cdot 31^{13} + 15 \cdot 31^{15} + 6 \cdot 31^{16} + 28 \cdot 31^{17} + 23 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 3) = 27 \cdot 31^8 + 11 \cdot 31^{10} + 25 \cdot 31^{11} + 6 \cdot 31^{12} + 31^{13} + 26 \cdot 31^{14} + 27 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 2, 1) = 16 \cdot 31^8 + 15 \cdot 31^9 + 5 \cdot 31^{10} + 28 \cdot 31^{11} + 15 \cdot 31^{12} + 11 \cdot 31^{13} + 13 \cdot 31^{14} + 13 \cdot 31^{15} + 17 \cdot 31^{16} + 5 \cdot 31^{17} + 9 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 2) = 5 \cdot 31^8 + 22 \cdot 31^9 + 4 \cdot 31^{10} + 13 \cdot 31^{11} + 13 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 1) = 18 \cdot 31^8 + 11 \cdot 31^9 + 24 \cdot 31^{10} + 23 \cdot 31^{11} + 20 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 26 \cdot 31^{16} + 22 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 4) = 26 \cdot 31^8 + 29 \cdot 31^9 + 25 \cdot 31^{10} + 5 \cdot 31^{11} + 24 \cdot 31^{12} + 30 \cdot 31^{13} + 28 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 3, 1) = 20 \cdot 31^9 + 24 \cdot 31^{11} + 17 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 31^{15} + 30 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 2) = O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 1) = 28 \cdot 31^8 + 16 \cdot 31^9 + 20 \cdot 31^{10} + 6 \cdot 31^{11} + 25 \cdot 31^{12} + 26 \cdot 31^{13} + 14 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 22 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 3) = 13 \cdot 31^8 + 24 \cdot 31^9 + 7 \cdot 31^{10} + 8 \cdot 31^{11} + 30 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{14} + 3 \cdot 31^{15} + 21 \cdot 31^{16} + 23 \cdot 31^{17} + 6 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 1) = 7 \cdot 31^8 + 2 \cdot 31^9 + 16 \cdot 31^{10} + 27 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 25 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 13 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 2) = 11 \cdot 31^8 + 7 \cdot 31^9 + 19 \cdot 31^{10} + 6 \cdot 31^{11} + 22 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1) = 6 \cdot 31^8 + 28 \cdot 31^9 + 20 \cdot 31^{10} + 17 \cdot 31^{11} + 11 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 17 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 5) = 30 \cdot 31^8 + 18 \cdot 31^9 + 14 \cdot 31^{10} + 30 \cdot 31^{11} + 23 \cdot 31^{12} + 20 \cdot 31^{13} + 21 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 4, 1) = 13 \cdot 31^8 + 28 \cdot 31^9 + 27 \cdot 31^{10} + 8 \cdot 31^{11} + 10 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 7 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 23 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 2) = 5 \cdot 31^8 + 2 \cdot 31^9 + 16 \cdot 31^{10} + 7 \cdot 31^{11} + 19 \cdot 31^{12} + 5 \cdot 31^{13} + 18 \cdot 31^{14} + 24 \cdot 31^{15} + 18 \cdot 31^{16} + 13 \cdot 31^{17} + 22 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 1) = 7 \cdot 31^8 + 25 \cdot 31^9 + 6 \cdot 31^{10} + 26 \cdot 31^{11} + 20 \cdot 31^{12} + 20 \cdot 31^{13} + 17 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 3) = 13 \cdot 31^8 + 14 \cdot 31^9 + 7 \cdot 31^{10} + 27 \cdot 31^{11} + 5 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 18 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 4 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 1) = 22 \cdot 31^8 + 21 \cdot 31^9 + 19 \cdot 31^{10} + 9 \cdot 31^{11} + 26 \cdot 31^{13} + 26 \cdot 31^{14} + 17 \cdot 31^{15} + 17 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 2) = 2 \cdot 31^8 + 13 \cdot 31^9 + 4 \cdot 31^{11} + 16 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1) = 16 \cdot 31^8 + 13 \cdot 31^9 + 16 \cdot 31^{10} + 7 \cdot 31^{11} + 29 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 4) = 18 \cdot 31^8 + 31^9 + 26 \cdot 31^{10} + 31^{11} + 12 \cdot 31^{12} + 4 \cdot 31^{13} + 16 \cdot 31^{14} + 18 \cdot 31^{15} + 29 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 1) = 27 \cdot 31^8 + 20 \cdot 31^9 + 4 \cdot 31^{10} + 14 \cdot 31^{11} + 20 \cdot 31^{12} + 18 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 23 \cdot 31^{17} + 21 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 2) = 25 \cdot 31^8 + 24 \cdot 31^9 + 16 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 16 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1) = 12 \cdot 31^8 + 3 \cdot 31^9 + 4 \cdot 31^{10} + 30 \cdot 31^{11} + 26 \cdot 31^{12} + 22 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 12 \cdot 31^{16} + 23 \cdot 31^{17} + 12 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 3) = 19 \cdot 31^8 + 3 \cdot 31^9 + 11 \cdot 31^{10} + 21 \cdot 31^{11} + 25 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{17} + 18 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1) = 6 \cdot 31^8 + 28 \cdot 31^9 + 20 \cdot 31^{10} + 17 \cdot 31^{11} + 11 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 17 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2) = 15 \cdot 31^8 + 22 \cdot 31^9 + 6 \cdot 31^{10} + 30 \cdot 31^{11} + 31^{12} + 16 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 7) = 7 \cdot 31^8 + 4 \cdot 31^9 + 5 \cdot 31^{10} + 17 \cdot 31^{11} + 29 \cdot 31^{12} + 29 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 6, 1) = 28 \cdot 31^8 + 23 \cdot 31^9 + 31^{10} + 3 \cdot 31^{11} + 12 \cdot 31^{12} + 23 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 17 \cdot 31^{16} + 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 5, 2) = 19 \cdot 31^8 + 3 \cdot 31^9 + 11 \cdot 31^{10} + 21 \cdot 31^{11} + 25 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{17} + 18 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 5, 1, 1) = 17 \cdot 31^8 + 22 \cdot 31^9 + 20 \cdot 31^{10} + 27 \cdot 31^{11} + 2 \cdot 31^{12} + 2 \cdot 31^{13} + 8 \cdot 31^{14} + 5 \cdot 31^{15} + 3 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 3) = 29 \cdot 31^8 + 29 \cdot 31^{10} + 2 \cdot 31^{11} + 8 \cdot 31^{12} + 17 \cdot 31^{13} + 3 \cdot 31^{14} + 10 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 2, 1) = 17 \cdot 31^8 + 9 \cdot 31^9 + 30 \cdot 31^{10} + 9 \cdot 31^{11} + 18 \cdot 31^{12} + 12 \cdot 31^{13} + 23 \cdot 31^{14} + 29 \cdot 31^{15} + 24 \cdot 31^{16} + 9 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 2) = 29 \cdot 31^8 + 19 \cdot 31^9 + 15 \cdot 31^{10} + 5 \cdot 31^{11} + 31^{12} + 31^{13} + 3 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 24 \cdot 31^{17} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 1) = 7 \cdot 31^8 + 20 \cdot 31^9 + 7 \cdot 31^{10} + 15 \cdot 31^{11} + 16 \cdot 31^{12} + 3 \cdot 31^{14} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 9 \cdot 31^{17} + 10 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 4) = 28 \cdot 31^8 + 10 \cdot 31^9 + 11 \cdot 31^{10} + 16 \cdot 31^{11} + 27 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 28 \cdot 31^{15} + 7 \cdot 31^{16} + 18 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 3, 1) = 31^8 + 6 \cdot 31^9 + 16 \cdot 31^{10} + 4 \cdot 31^{11} + 29 \cdot 31^{12} + 16 \cdot 31^{13} + 31^{14} + 9 \cdot 31^{15} + 15 \cdot 31^{16} + 23 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 2) = 13 \cdot 31^8 + 24 \cdot 31^9 + 7 \cdot 31^{10} + 8 \cdot 31^{11} + 30 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{14} + 3 \cdot 31^{15} + 21 \cdot 31^{16} + 23 \cdot 31^{17} + 6 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 1) = 28 \cdot 31^8 + 29 \cdot 31^9 + 6 \cdot 31^{10} + 13 \cdot 31^{11} + 9 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 17 \cdot 31^{15} + 28 \cdot 31^{16} + 13 \cdot 31^{17} + 16 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 3) = O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 1) = 31^8 + 29 \cdot 31^9 + 26 \cdot 31^{10} + 18 \cdot 31^{11} + 2 \cdot 31^{12} + 16 \cdot 31^{13} + 21 \cdot 31^{14} + 20 \cdot 31^{15} + 22 \cdot 31^{16} + 24 \cdot 31^{17} + 8 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 2) = 23 \cdot 31^8 + 7 \cdot 31^9 + 28 \cdot 31^{10} + 16 \cdot 31^{11} + 7 \cdot 31^{12} + 25 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 28 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1) = 7 \cdot 31^8 + 25 \cdot 31^9 + 6 \cdot 31^{10} + 26 \cdot 31^{11} + 20 \cdot 31^{12} + 20 \cdot 31^{13} + 17 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 5) = 19 \cdot 31^8 + 15 \cdot 31^9 + 24 \cdot 31^{10} + 18 \cdot 31^{11} + 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 4, 1) = 7 \cdot 31^8 + 16 \cdot 31^9 + 12 \cdot 31^{10} + 13 \cdot 31^{11} + 20 \cdot 31^{12} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 23 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 2) = 13 \cdot 31^8 + 14 \cdot 31^9 + 7 \cdot 31^{10} + 27 \cdot 31^{11} + 5 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 18 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 4 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 1) = 14 \cdot 31^8 + 26 \cdot 31^9 + 23 \cdot 31^{10} + 27 \cdot 31^{11} + 12 \cdot 31^{12} + 7 \cdot 31^{13} + 21 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 3) = 5 \cdot 31^8 + 13 \cdot 31^9 + 15 \cdot 31^{10} + 14 \cdot 31^{11} + 31^{12} + 19 \cdot 31^{13} + 13 \cdot 31^{14} + 23 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 1) = 5 \cdot 31^8 + 21 \cdot 31^9 + 5 \cdot 31^{10} + 18 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 19 \cdot 31^{17} + 22 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 2) = 9 \cdot 31^8 + 21 \cdot 31^9 + 24 \cdot 31^{10} + 18 \cdot 31^{11} + 6 \cdot 31^{12} + 21 \cdot 31^{13} + 4 \cdot 31^{14} + 15 \cdot 31^{15} + 22 \cdot 31^{16} + 16 \cdot 31^{17} + 7 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1) = 3 \cdot 31^8 + 23 \cdot 31^9 + 3 \cdot 31^{10} + 19 \cdot 31^{11} + 9 \cdot 31^{12} + 10 \cdot 31^{13} + 28 \cdot 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{16} + 25 \cdot 31^{17} + 16 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 4) = 4 \cdot 31^8 + 6 \cdot 31^9 + 28 \cdot 31^{10} + 21 \cdot 31^{11} + 10 \cdot 31^{12} + 27 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 1) = 19 \cdot 31^8 + 25 \cdot 31^9 + 22 \cdot 31^{10} + 9 \cdot 31^{11} + 10 \cdot 31^{12} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 7 \cdot 31^{16} + 18 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 2) = 27 \cdot 31^8 + 11 \cdot 31^{10} + 25 \cdot 31^{11} + 6 \cdot 31^{12} + 31^{13} + 26 \cdot 31^{14} + 27 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1) = 20 \cdot 31^8 + 5 \cdot 31^9 + 21 \cdot 31^{11} + 8 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 15 \cdot 31^{15} + 9 \cdot 31^{16} + 14 \cdot 31^{17} + 13 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 3) = 29 \cdot 31^8 + 29 \cdot 31^{10} + 2 \cdot 31^{11} + 8 \cdot 31^{12} + 17 \cdot 31^{13} + 3 \cdot 31^{14} + 10 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1) = 7 \cdot 31^8 + 2 \cdot 31^9 + 16 \cdot 31^{10} + 27 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 25 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 13 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2) = 6 \cdot 31^8 + 7 \cdot 31^9 + 19 \cdot 31^{10} + 8 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 19 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 6) = 21 \cdot 31^8 + 12 \cdot 31^9 + 15 \cdot 31^{10} + 20 \cdot 31^{11} + 26 \cdot 31^{12} + 27 \cdot 31^{13} + 18 \cdot 31^{14} + 7 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 5, 1) = 31^8 + 26 \cdot 31^9 + 7 \cdot 31^{10} + 3 \cdot 31^{11} + 27 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 19 \cdot 31^{15} + 15 \cdot 31^{16} + 10 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 2) = 18 \cdot 31^8 + 31^9 + 26 \cdot 31^{10} + 31^{11} + 12 \cdot 31^{12} + 4 \cdot 31^{13} + 16 \cdot 31^{14} + 18 \cdot 31^{15} + 29 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 1) = 10 \cdot 31^8 + 2 \cdot 31^9 + 13 \cdot 31^{10} + 12 \cdot 31^{11} + 17 \cdot 31^{12} + 31^{13} + 5 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{16} + 5 \cdot 31^{17} + 25 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 3) = 4 \cdot 31^8 + 6 \cdot 31^9 + 28 \cdot 31^{10} + 21 \cdot 31^{11} + 10 \cdot 31^{12} + 27 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 1) = 10 \cdot 31^8 + 5 \cdot 31^9 + 27 \cdot 31^{10} + 13 \cdot 31^{11} + 4 \cdot 31^{12} + 13 \cdot 31^{13} + 3 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 8 \cdot 31^{17} + 27 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 2) = 15 \cdot 31^8 + 6 \cdot 31^9 + 6 \cdot 31^{10} + 22 \cdot 31^{11} + 30 \cdot 31^{12} + 13 \cdot 31^{13} + 13 \cdot 31^{14} + 15 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 4 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 4) = 20 \cdot 31^8 + 22 \cdot 31^9 + 10 \cdot 31^{10} + 8 \cdot 31^{11} + 4 \cdot 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 26 \cdot 31^{15} + 29 \cdot 31^{16} + 13 \cdot 31^{17} + 25 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 1) = 28 \cdot 31^8 + 9 \cdot 31^9 + 8 \cdot 31^{10} + 10 \cdot 31^{11} + 7 \cdot 31^{12} + 30 \cdot 31^{13} + 18 \cdot 31^{14} + 5 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 2) = 26 \cdot 31^8 + 29 \cdot 31^9 + 25 \cdot 31^{10} + 5 \cdot 31^{11} + 24 \cdot 31^{12} + 30 \cdot 31^{13} + 28 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1) = 25 \cdot 31^8 + 24 \cdot 31^9 + 16 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 16 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 3) = 28 \cdot 31^8 + 10 \cdot 31^9 + 11 \cdot 31^{10} + 16 \cdot 31^{11} + 27 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 28 \cdot 31^{15} + 7 \cdot 31^{16} + 18 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1) = 21 \cdot 31^8 + 14 \cdot 31^9 + 4 \cdot 31^{10} + 10 \cdot 31^{11} + 13 \cdot 31^{12} + 4 \cdot 31^{13} + 31^{14} + 26 \cdot 31^{15} + 21 \cdot 31^{17} + 8 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 5) = 28 \cdot 31^8 + 16 \cdot 31^9 + 20 \cdot 31^{10} + 6 \cdot 31^{11} + 25 \cdot 31^{12} + 26 \cdot 31^{13} + 14 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 22 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 4, 1) = 31^8 + 26 \cdot 31^9 + 7 \cdot 31^{10} + 3 \cdot 31^{11} + 27 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 19 \cdot 31^{15} + 15 \cdot 31^{16} + 10 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 2) = 30 \cdot 31^8 + 18 \cdot 31^9 + 14 \cdot 31^{10} + 30 \cdot 31^{11} + 23 \cdot 31^{12} + 20 \cdot 31^{13} + 21 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1) = 17 \cdot 31^8 + 31^9 + 19 \cdot 31^{10} + 18 \cdot 31^{11} + 11 \cdot 31^{12} + 11 \cdot 31^{13} + 3 \cdot 31^{14} + 31^{15} + 14 \cdot 31^{17} + 6 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 3) = 19 \cdot 31^8 + 15 \cdot 31^9 + 24 \cdot 31^{10} + 18 \cdot 31^{11} + 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1) = 8 \cdot 31^8 + 11 \cdot 31^9 + 20 \cdot 31^{10} + 16 \cdot 31^{11} + 16 \cdot 31^{12} + 20 \cdot 31^{13} + 21 \cdot 31^{14} + 4 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 8 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2) = 18 \cdot 31^8 + 19 \cdot 31^9 + 6 \cdot 31^{10} + 5 \cdot 31^{11} + 12 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 4) = 21 \cdot 31^8 + 12 \cdot 31^9 + 15 \cdot 31^{10} + 20 \cdot 31^{11} + 26 \cdot 31^{12} + 27 \cdot 31^{13} + 18 \cdot 31^{14} + 7 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1) = 4 \cdot 31^8 + 28 \cdot 31^9 + 6 \cdot 31^{10} + 20 \cdot 31^{11} + 10 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{16} + 9 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2) = 16 \cdot 31^8 + 8 \cdot 31^9 + 24 \cdot 31^{10} + 29 \cdot 31^{12} + 14 \cdot 31^{13} + 17 \cdot 31^{14} + 29 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 30 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3) = 7 \cdot 31^8 + 4 \cdot 31^9 + 5 \cdot 31^{10} + 17 \cdot 31^{11} + 29 \cdot 31^{12} + 29 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20})
\end{aligned}$$

### 11.10. weight 9 case.

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(9) = 31^9 + 16 \cdot 31^{10} + 30 \cdot 31^{11} + 28 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 11 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(8, 1) = 26 \cdot 31^9 + 12 \cdot 31^{10} + 2 \cdot 31^{11} + 10 \cdot 31^{12} + 10 \cdot 31^{13} + 16 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 5 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(7, 2) = 2 \cdot 31^9 + 17 \cdot 31^{10} + 22 \cdot 31^{11} + 26 \cdot 31^{12} + 25 \cdot 31^{13} + 4 \cdot 31^{14} + 24 \cdot 31^{15} + 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(7, 1, 1) = 12 \cdot 31^9 + 23 \cdot 31^{10} + 14 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 20 \cdot 31^{14} + 21 \cdot 31^{15} + 30 \cdot 31^{16} + 28 \cdot 31^{17} + 2 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(6, 3) = 4 \cdot 31^9 + 16 \cdot 31^{10} + 20 \cdot 31^{11} + 23 \cdot 31^{12} + 25 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 15 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(6, 2, 1) = 4 \cdot 31^9 + 16 \cdot 31^{10} + 11 \cdot 31^{11} + 15 \cdot 31^{12} + 7 \cdot 31^{13} + 21 \cdot 31^{14} + 25 \cdot 31^{15} + 6 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(6, 1, 2) = 20 \cdot 31^9 + 17 \cdot 31^{10} + 31^{11} + 4 \cdot 31^{12} + 9 \cdot 31^{13} + 7 \cdot 31^{14} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 11 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(6, 1, 1, 1) = 8 \cdot 31^9 + 21 \cdot 31^{10} + 19 \cdot 31^{11} + 18 \cdot 31^{12} + 4 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 21 \cdot 31^{16} + 23 \cdot 31^{17} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(5, 4) = 16 \cdot 31^9 + 25 \cdot 31^{10} + 29 \cdot 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 15 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(5, 3, 1) = 20 \cdot 31^9 + 30 \cdot 31^{10} + 23 \cdot 31^{11} + 27 \cdot 31^{12} + 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 29 \cdot 31^{17} + 20 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(5, 2, 2) = 19 \cdot 31^9 + 3 \cdot 31^{10} + 18 \cdot 31^{11} + 31^{12} + 24 \cdot 31^{13} + 18 \cdot 31^{14} + 27 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(5, 2, 1, 1) = 13 \cdot 31^9 + 23 \cdot 31^{10} + 26 \cdot 31^{11} + 7 \cdot 31^{12} + 26 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 14 \cdot 31^{16} + 18 \cdot 31^{17} + 9 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(5, 1, 3) = 13 \cdot 31^9 + 18 \cdot 31^{11} + 10 \cdot 31^{12} + 7 \cdot 31^{13} + 24 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(5, 1, 2, 1) = 10 \cdot 31^9 + 23 \cdot 31^{10} + 17 \cdot 31^{11} + 6 \cdot 31^{12} + 17 \cdot 31^{13} + 14 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(5, 1, 1, 2) = 11 \cdot 31^9 + 19 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 26 \cdot 31^{13} + 10 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(5, 1, 1, 1, 1) = 23 \cdot 31^9 + 26 \cdot 31^{10} + 26 \cdot 31^{11} + 6 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 5) = 14 \cdot 31^9 + 20 \cdot 31^{10} + 30 \cdot 31^{11} + 3 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 4, 1) = 28 \cdot 31^9 + 29 \cdot 31^{10} + 24 \cdot 31^{11} + 18 \cdot 31^{12} + 7 \cdot 31^{13} + 30 \cdot 31^{14} + 21 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 3, 2) = 4 \cdot 31^9 + 26 \cdot 31^{10} + 5 \cdot 31^{11} + 30 \cdot 31^{12} + 24 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 8 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 3, 1, 1) = 26 \cdot 31^9 + 20 \cdot 31^{10} + 30 \cdot 31^{11} + 21 \cdot 31^{12} + 30 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 25 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 2, 3) = 20 \cdot 31^9 + 5 \cdot 31^{10} + 10 \cdot 31^{11} + 19 \cdot 31^{12} + 26 \cdot 31^{13} + 25 \cdot 31^{14} + 16 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 2, 2, 1) = 29 \cdot 31^9 + 19 \cdot 31^{10} + 22 \cdot 31^{11} + 7 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 4 \cdot 31^{15} + 31^{16} + 7 \cdot 31^{17} + 29 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 2, 1, 2) = 9 \cdot 31^9 + 29 \cdot 31^{10} + 7 \cdot 31^{12} + 8 \cdot 31^{13} + 10 \cdot 31^{14} + 23 \cdot 31^{15} + 24 \cdot 31^{16} + 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 2, 1, 1, 1) = 25 \cdot 31^9 + 19 \cdot 31^{10} + 13 \cdot 31^{11} + 9 \cdot 31^{12} + 7 \cdot 31^{13} + 5 \cdot 31^{15} + 12 \cdot 31^{16} + 6 \cdot 31^{17} + 14 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 4) = 28 \cdot 31^9 + 30 \cdot 31^{10} + 9 \cdot 31^{11} + 10 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 3, 1) = 4 \cdot 31^9 + 6 \cdot 31^{10} + 28 \cdot 31^{11} + 7 \cdot 31^{12} + 8 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 15 \cdot 31^{17} + 14 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 2, 2) = 21 \cdot 31^9 + 14 \cdot 31^{10} + 7 \cdot 31^{11} + 25 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 14 \cdot 31^{15} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 2, 1, 1) = 25 \cdot 31^9 + 27 \cdot 31^{10} + 24 \cdot 31^{11} + 17 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 3) = 12 \cdot 31^9 + 30 \cdot 31^{10} + 11 \cdot 31^{11} + 7 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 2, 1) = 26 \cdot 31^9 + 3 \cdot 31^{10} + 28 \cdot 31^{11} + 7 \cdot 31^{12} + 7 \cdot 31^{13} + 5 \cdot 31^{14} + 21 \cdot 31^{15} + 4 \cdot 31^{16} + 10 \cdot 31^{17} + 16 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 2) = 11 \cdot 31^9 + 19 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 26 \cdot 31^{13} + 10 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 1) = 2 \cdot 31^9 + 14 \cdot 31^{10} + 27 \cdot 31^{11} + 19 \cdot 31^{12} + 13 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 15 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 6) = 26 \cdot 31^9 + 29 \cdot 31^{10} + 10 \cdot 31^{11} + 9 \cdot 31^{12} + 7 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 5, 1) = 20 \cdot 31^9 + 30 \cdot 31^{10} + 23 \cdot 31^{11} + 27 \cdot 31^{12} + 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 29 \cdot 31^{17} + 20 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 4, 2) = 18 \cdot 31^9 + 9 \cdot 31^{10} + 9 \cdot 31^{11} + 19 \cdot 31^{12} + 6 \cdot 31^{13} + 5 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 4, 1, 1) = 12 \cdot 31^9 + 6 \cdot 31^{10} + 27 \cdot 31^{11} + 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 24 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 3, 3) = 31^9 + 18 \cdot 31^{10} + 12 \cdot 31^{11} + 3 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 3, 2, 1) = 16 \cdot 31^9 + 14 \cdot 31^{11} + 18 \cdot 31^{12} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 4 \cdot 31^{16} + 30 \cdot 31^{17} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 3, 1, 2) = 2 \cdot 31^9 + 4 \cdot 31^{10} + 25 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 19 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 23 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 3, 1, 1, 1) = 13 \cdot 31^9 + 22 \cdot 31^{10} + 30 \cdot 31^{11} + 18 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 10 \cdot 31^{15} + 24 \cdot 31^{16} + 16 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 4) = 12 \cdot 31^9 + 10 \cdot 31^{10} + 13 \cdot 31^{11} + 7 \cdot 31^{12} + 28 \cdot 31^{13} + 8 \cdot 31^{14} + 14 \cdot 31^{15} + 24 \cdot 31^{16} + 22 \cdot 31^{17} + 14 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 3, 1) = 26 \cdot 31^9 + 5 \cdot 31^{10} + 8 \cdot 31^{11} + 3 \cdot 31^{12} + 23 \cdot 31^{13} + 12 \cdot 31^{14} + 4 \cdot 31^{15} + 18 \cdot 31^{16} + 31^{17} + 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 2, 2) = 11 \cdot 31^9 + 20 \cdot 31^{10} + 11 \cdot 31^{11} + 8 \cdot 31^{12} + 10 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 13 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 2, 1, 1) = 12 \cdot 31^9 + 5 \cdot 31^{11} + 22 \cdot 31^{12} + 8 \cdot 31^{13} + 29 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 3) = 3 \cdot 31^9 + 12 \cdot 31^{10} + 22 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 11 \cdot 31^{14} + 16 \cdot 31^{17} + 9 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 2, 1) = 14 \cdot 31^9 + 14 \cdot 31^{10} + 14 \cdot 31^{11} + 17 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 31^{15} + 16 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 2) = 9 \cdot 31^9 + 29 \cdot 31^{10} + 7 \cdot 31^{12} + 8 \cdot 31^{13} + 10 \cdot 31^{14} + 23 \cdot 31^{15} + 24 \cdot 31^{16} + 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 1) = 2 \cdot 31^9 + 20 \cdot 31^{10} + 14 \cdot 31^{11} + 13 \cdot 31^{12} + 18 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 24 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 5) = 31^9 + 20 \cdot 31^{10} + 18 \cdot 31^{12} + 9 \cdot 31^{13} + 2 \cdot 31^{14} + 21 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 16 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 4, 1) = 10 \cdot 31^9 + 27 \cdot 31^{10} + 18 \cdot 31^{11} + 13 \cdot 31^{12} + 26 \cdot 31^{13} + 4 \cdot 31^{14} + 29 \cdot 31^{15} + 10 \cdot 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 3, 2) = 25 \cdot 31^9 + 13 \cdot 31^{10} + 7 \cdot 31^{11} + 25 \cdot 31^{12} + 4 \cdot 31^{13} + 28 \cdot 31^{14} + 30 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 3, 1, 1) = 6 \cdot 31^9 + 5 \cdot 31^{10} + 7 \cdot 31^{11} + 4 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 27 \cdot 31^{15} + 17 \cdot 31^{16} + 17 \cdot 31^{17} + 16 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 3) = 29 \cdot 31^9 + 6 \cdot 31^{10} + 7 \cdot 31^{11} + 27 \cdot 31^{12} + 19 \cdot 31^{13} + 22 \cdot 31^{14} + 24 \cdot 31^{15} + 25 \cdot 31^{16} + 25 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 2, 1) = 4 \cdot 31^9 + 30 \cdot 31^{10} + 13 \cdot 31^{11} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 6 \cdot 31^{15} + 12 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 2) = 2 \cdot 31^9 + 4 \cdot 31^{10} + 25 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 19 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 23 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 1) = 16 \cdot 31^9 + 24 \cdot 31^{10} + 2 \cdot 31^{11} + 23 \cdot 31^{12} + 9 \cdot 31^{13} + 29 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 4) = 12 \cdot 31^9 + 26 \cdot 31^{10} + 7 \cdot 31^{11} + 28 \cdot 31^{12} + 12 \cdot 31^{13} + 8 \cdot 31^{14} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 3, 1) = 6 \cdot 31^9 + 8 \cdot 31^{11} + 21 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 23 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 10 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 2) = 21 \cdot 31^9 + 21 \cdot 31^{10} + 28 \cdot 31^{11} + 21 \cdot 31^{12} + 3 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 1) = 12 \cdot 31^9 + 14 \cdot 31^{10} + 9 \cdot 31^{11} + 14 \cdot 31^{12} + 9 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 24 \cdot 31^{16} + 16 \cdot 31^{17} + 4 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 3) = 9 \cdot 31^9 + 9 \cdot 31^{10} + 21 \cdot 31^{11} + 4 \cdot 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 1) = 10 \cdot 31^9 + 19 \cdot 31^{12} + 8 \cdot 31^{13} + 20 \cdot 31^{14} + 30 \cdot 31^{15} + 5 \cdot 31^{16} + 28 \cdot 31^{17} + 25 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 2) = 20 \cdot 31^9 + 17 \cdot 31^{10} + 31^{11} + 4 \cdot 31^{12} + 9 \cdot 31^{13} + 7 \cdot 31^{14} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 11 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1) = 6 \cdot 31^9 + 18 \cdot 31^{10} + 4 \cdot 31^{11} + 19 \cdot 31^{12} + 19 \cdot 31^{13} + 18 \cdot 31^{14} + 4 \cdot 31^{15} + 29 \cdot 31^{16} + 8 \cdot 31^{17} + 4 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 7) = 28 \cdot 31^9 + 28 \cdot 31^{10} + 8 \cdot 31^{11} + 6 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 18 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 6, 1) = 8 \cdot 31^9 + 30 \cdot 31^{10} + 25 \cdot 31^{11} + 8 \cdot 31^{12} + 9 \cdot 31^{13} + 2 \cdot 31^{14} + 13 \cdot 31^{15} + 16 \cdot 31^{16} + 25 \cdot 31^{17} + 24 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 5, 2) = 6 \cdot 31^9 + 12 \cdot 31^{10} + 2 \cdot 31^{11} + 3 \cdot 31^{12} + 24 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 21 \cdot 31^{17} + 15 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 5, 1, 1) = 14 \cdot 31^9 + 3 \cdot 31^{10} + 30 \cdot 31^{11} + 25 \cdot 31^{12} + 20 \cdot 31^{13} + 22 \cdot 31^{14} + 18 \cdot 31^{15} + 13 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 4, 3) = 20 \cdot 31^9 + 24 \cdot 31^{10} + 25 \cdot 31^{11} + 15 \cdot 31^{12} + 8 \cdot 31^{13} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 4, 2, 1) = 5 \cdot 31^9 + 3 \cdot 31^{10} + 17 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 4 \cdot 31^{17} + 18 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 4, 1, 2) = 21 \cdot 31^9 + 21 \cdot 31^{10} + 28 \cdot 31^{11} + 21 \cdot 31^{12} + 3 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 4, 1, 1, 1) = 18 \cdot 31^9 + 5 \cdot 31^{10} + 5 \cdot 31^{11} + 16 \cdot 31^{13} + 11 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 4) = 21 \cdot 31^9 + 17 \cdot 31^{10} + 27 \cdot 31^{11} + 27 \cdot 31^{12} + 24 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 3, 1) = 8 \cdot 31^9 + 3 \cdot 31^{10} + 16 \cdot 31^{11} + 28 \cdot 31^{13} + 24 \cdot 31^{14} + 28 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 20 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 2, 2) = 11 \cdot 31^9 + 8 \cdot 31^{10} + 17 \cdot 31^{11} + 8 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 2, 1, 1) = 23 \cdot 31^9 + 14 \cdot 31^{11} + 15 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 4 \cdot 31^{15} + 27 \cdot 31^{16} + 17 \cdot 31^{17} + 16 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 3) = 21 \cdot 31^9 + 21 \cdot 31^{10} + 24 \cdot 31^{11} + 12 \cdot 31^{12} + 3 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 7 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 2, 1) = 4 \cdot 31^9 + 18 \cdot 31^{10} + 29 \cdot 31^{11} + 27 \cdot 31^{12} + 17 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 2) = 21 \cdot 31^9 + 14 \cdot 31^{10} + 7 \cdot 31^{11} + 25 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 14 \cdot 31^{15} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 1) = 7 \cdot 31^9 + 14 \cdot 31^{10} + 31^{11} + 25 \cdot 31^{12} + 14 \cdot 31^{13} + 11 \cdot 31^{14} + 4 \cdot 31^{15} + 2 \cdot 31^{16} + 13 \cdot 31^{17} + 4 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 5) = 7 \cdot 31^9 + 10 \cdot 31^{11} + 24 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 14 \cdot 31^{17} + 27 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 4, 1) = 21 \cdot 31^9 + 22 \cdot 31^{10} + 24 \cdot 31^{11} + 20 \cdot 31^{12} + 13 \cdot 31^{13} + 12 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{16} + 6 \cdot 31^{17} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 3, 2) = 20 \cdot 31^9 + 25 \cdot 31^{10} + 26 \cdot 31^{11} + 22 \cdot 31^{12} + 21 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 10 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 3, 1, 1) = 19 \cdot 31^9 + 20 \cdot 31^{10} + 16 \cdot 31^{11} + 12 \cdot 31^{12} + 4 \cdot 31^{13} + 13 \cdot 31^{14} + 25 \cdot 31^{15} + 26 \cdot 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 3) = 19 \cdot 31^9 + 22 \cdot 31^{10} + 6 \cdot 31^{11} + 24 \cdot 31^{12} + 28 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 2, 1) = 2 \cdot 31^9 + 31^{10} + 30 \cdot 31^{11} + 26 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 7 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 2) = 11 \cdot 31^9 + 20 \cdot 31^{10} + 11 \cdot 31^{11} + 8 \cdot 31^{12} + 10 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 13 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 1) = 7 \cdot 31^9 + 2 \cdot 31^{10} + 5 \cdot 31^{12} + 5 \cdot 31^{13} + 22 \cdot 31^{14} + 11 \cdot 31^{15} + 18 \cdot 31^{16} + 22 \cdot 31^{17} + 27 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 4) = 19 \cdot 31^9 + 29 \cdot 31^{11} + 29 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 9 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 3, 1) = 20 \cdot 31^9 + 24 \cdot 31^{10} + 9 \cdot 31^{11} + 5 \cdot 31^{12} + 12 \cdot 31^{13} + 27 \cdot 31^{14} + 17 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 18 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 2) = 11 \cdot 31^9 + 8 \cdot 31^{10} + 17 \cdot 31^{11} + 8 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 1) = 11 \cdot 31^9 + 3 \cdot 31^{10} + 13 \cdot 31^{11} + 28 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 23 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 20 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 3) = 22 \cdot 31^9 + 24 \cdot 31^{10} + 27 \cdot 31^{11} + 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 3 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 1) = 15 \cdot 31^{10} + 19 \cdot 31^{11} + 18 \cdot 31^{12} + 17 \cdot 31^{13} + 30 \cdot 31^{14} + 4 \cdot 31^{15} + 18 \cdot 31^{16} + 19 \cdot 31^{17} + 13 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 2) = 19 \cdot 31^9 + 3 \cdot 31^{10} + 18 \cdot 31^{11} + 31^{12} + 24 \cdot 31^{13} + 18 \cdot 31^{14} + 27 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1) = 28 \cdot 31^9 + 14 \cdot 31^{10} + 17 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 6) = 27 \cdot 31^9 + 4 \cdot 31^{10} + 13 \cdot 31^{11} + 21 \cdot 31^{12} + 27 \cdot 31^{13} + 29 \cdot 31^{14} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 26 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 5, 1) = 8 \cdot 31^9 + 16 \cdot 31^{10} + 10 \cdot 31^{11} + 25 \cdot 31^{12} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 4, 2) = 30 \cdot 31^9 + 28 \cdot 31^{10} + 11 \cdot 31^{11} + 11 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 4, 1, 1) = 26 \cdot 31^9 + 17 \cdot 31^{10} + 25 \cdot 31^{11} + 30 \cdot 31^{12} + 20 \cdot 31^{13} + 16 \cdot 31^{14} + 12 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 2 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 3) = 17 \cdot 31^9 + 19 \cdot 31^{10} + 14 \cdot 31^{11} + 15 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 11 \cdot 31^{16} + 16 \cdot 31^{17} + 4 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 2, 1) = 23 \cdot 31^9 + 6 \cdot 31^{10} + 17 \cdot 31^{11} + 16 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 13 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 2) = 25 \cdot 31^9 + 13 \cdot 31^{10} + 7 \cdot 31^{11} + 25 \cdot 31^{12} + 4 \cdot 31^{13} + 28 \cdot 31^{14} + 30 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 1) = 31^9 + 14 \cdot 31^{11} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 21 \cdot 31^{15} + 25 \cdot 31^{16} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 4) = 11 \cdot 31^9 + 9 \cdot 31^{10} + 3 \cdot 31^{11} + 24 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 27 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 3, 1) = 30 \cdot 31^9 + 8 \cdot 31^{10} + 10 \cdot 31^{11} + 22 \cdot 31^{12} + 16 \cdot 31^{13} + 18 \cdot 31^{14} + 12 \cdot 31^{15} + 23 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 2) = 20 \cdot 31^9 + 25 \cdot 31^{10} + 26 \cdot 31^{11} + 22 \cdot 31^{12} + 21 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 10 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 1) = 2 \cdot 31^9 + 17 \cdot 31^{10} + 3 \cdot 31^{11} + 14 \cdot 31^{12} + 11 \cdot 31^{13} + 3 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{16} + 30 \cdot 31^{17} + 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 3) = 27 \cdot 31^9 + 20 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 18 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 8 \cdot 31^{16} + 15 \cdot 31^{17} + 24 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 1) = 25 \cdot 31^9 + 11 \cdot 31^{10} + 22 \cdot 31^{11} + 30 \cdot 31^{12} + 29 \cdot 31^{13} + 12 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 20 \cdot 31^{17} + 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 2) = 4 \cdot 31^9 + 26 \cdot 31^{10} + 5 \cdot 31^{11} + 30 \cdot 31^{12} + 24 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 8 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1) = 14 \cdot 31^9 + 6 \cdot 31^{10} + 8 \cdot 31^{11} + 3 \cdot 31^{12} + 4 \cdot 31^{13} + 12 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 17 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 5) = 11 \cdot 31^9 + 22 \cdot 31^{10} + 2 \cdot 31^{11} + 22 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 16 \cdot 31^{15} + 26 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 4, 1) = 18 \cdot 31^9 + 6 \cdot 31^{10} + 30 \cdot 31^{11} + 20 \cdot 31^{12} + 3 \cdot 31^{13} + 12 \cdot 31^{14} + 15 \cdot 31^{15} + 16 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 2) = 30 \cdot 31^9 + 28 \cdot 31^{10} + 11 \cdot 31^{11} + 11 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 1) = 30 \cdot 31^9 + 23 \cdot 31^{10} + 11 \cdot 31^{11} + 11 \cdot 31^{13} + 29 \cdot 31^{14} + 29 \cdot 31^{15} + 10 \cdot 31^{17} + 14 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 3) = 24 \cdot 31^9 + 23 \cdot 31^{10} + 14 \cdot 31^{11} + 4 \cdot 31^{12} + 16 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 29 \cdot 31^{17} + 18 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 1) = 24 \cdot 31^9 + 6 \cdot 31^{10} + 13 \cdot 31^{11} + 10 \cdot 31^{12} + 28 \cdot 31^{13} + 9 \cdot 31^{14} + 22 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 15 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 2) = 18 \cdot 31^9 + 9 \cdot 31^{10} + 9 \cdot 31^{11} + 19 \cdot 31^{12} + 6 \cdot 31^{13} + 5 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1) = 4 \cdot 31^9 + 2 \cdot 31^{10} + 29 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 4) = 27 \cdot 31^9 + 10 \cdot 31^{10} + 17 \cdot 31^{11} + 31^{12} + 4 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 26 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 1) = 2 \cdot 31^9 + 3 \cdot 31^{10} + 2 \cdot 31^{11} + 31^{12} + 5 \cdot 31^{13} + 27 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 27 \cdot 31^{17} + 14 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 2) = 6 \cdot 31^9 + 12 \cdot 31^{10} + 2 \cdot 31^{11} + 3 \cdot 31^{12} + 24 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 21 \cdot 31^{17} + 15 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1) = 25 \cdot 31^9 + 28 \cdot 31^{10} + 18 \cdot 31^{11} + 11 \cdot 31^{12} + 10 \cdot 31^{13} + 11 \cdot 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 12 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 3) = 31^9 + 26 \cdot 31^{10} + 5 \cdot 31^{11} + 23 \cdot 31^{12} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{15} + 18 \cdot 31^{16} + 20 \cdot 31^{17} + 18 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1) = 11 \cdot 31^9 + 20 \cdot 31^{10} + 9 \cdot 31^{11} + 9 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 21 \cdot 31^{15} + 15 \cdot 31^{16} + 2 \cdot 31^{17} + 22 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2) = 2 \cdot 31^9 + 17 \cdot 31^{10} + 22 \cdot 31^{11} + 26 \cdot 31^{12} + 25 \cdot 31^{13} + 4 \cdot 31^{14} + 24 \cdot 31^{15} + 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1) = 23 \cdot 31^9 + 26 \cdot 31^{10} + 3 \cdot 31^{11} + 16 \cdot 31^{12} + 16 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{17} + 15 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 8) = 4 \cdot 31^9 + 2 \cdot 31^{10} + 29 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 7, 1) = 10 \cdot 31^9 + 16 \cdot 31^{10} + 7 \cdot 31^{11} + 8 \cdot 31^{13} + 30 \cdot 31^{14} + 27 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 6, 2) = 31^9 + 26 \cdot 31^{10} + 5 \cdot 31^{11} + 23 \cdot 31^{12} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{15} + 18 \cdot 31^{16} + 20 \cdot 31^{17} + 18 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 6, 1, 1) = 2 \cdot 31^9 + 3 \cdot 31^{10} + 6 \cdot 31^{11} + 5 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{15} + 3 \cdot 31^{16} + 31^{17} + 10 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 5, 3) = 9 \cdot 31^9 + 20 \cdot 31^{10} + 29 \cdot 31^{11} + 31^{12} + 31^{13} + 26 \cdot 31^{14} + 6 \cdot 31^{15} + 26 \cdot 31^{16} + 16 \cdot 31^{17} + 15 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 5, 2, 1) = 14 \cdot 31^9 + 3 \cdot 31^{10} + 30 \cdot 31^{11} + 25 \cdot 31^{12} + 20 \cdot 31^{13} + 22 \cdot 31^{14} + 18 \cdot 31^{15} + 13 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 5, 1, 2) = 9 \cdot 31^9 + 9 \cdot 31^{10} + 21 \cdot 31^{11} + 4 \cdot 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 5, 1, 1, 1) = 19 \cdot 31^9 + 15 \cdot 31^{10} + 14 \cdot 31^{11} + 18 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 3 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 4) = 7 \cdot 31^9 + 17 \cdot 31^{10} + 26 \cdot 31^{11} + 30 \cdot 31^{12} + 22 \cdot 31^{13} + 2 \cdot 31^{14} + 4 \cdot 31^{15} + 28 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 3, 1) = 16 \cdot 31^9 + 20 \cdot 31^{10} + 10 \cdot 31^{11} + 26 \cdot 31^{12} + 19 \cdot 31^{13} + 29 \cdot 31^{14} + 29 \cdot 31^{15} + 6 \cdot 31^{16} + 6 \cdot 31^{17} + 14 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 2, 2) = 22 \cdot 31^9 + 24 \cdot 31^{10} + 27 \cdot 31^{11} + 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 3 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 2, 1, 1) = 13 \cdot 31^9 + 19 \cdot 31^{10} + 22 \cdot 31^{11} + 26 \cdot 31^{12} + 17 \cdot 31^{13} + 20 \cdot 31^{14} + 3 \cdot 31^{15} + 28 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 3) = 4 \cdot 31^9 + 20 \cdot 31^{10} + 2 \cdot 31^{11} + 30 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 4 \cdot 31^{15} + 24 \cdot 31^{16} + 21 \cdot 31^{17} + 29 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 2, 1) = 20 \cdot 31^9 + 27 \cdot 31^{10} + 3 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 14 \cdot 31^{14} + 7 \cdot 31^{16} + 29 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 2) = 12 \cdot 31^9 + 30 \cdot 31^{10} + 11 \cdot 31^{11} + 7 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 1) = 6 \cdot 31^9 + 25 \cdot 31^{10} + 24 \cdot 31^{12} + 26 \cdot 31^{13} + 15 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 5) = 31^9 + 23 \cdot 31^{10} + 26 \cdot 31^{11} + 2 \cdot 31^{12} + 5 \cdot 31^{13} + 16 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 29 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 4, 1) = 24 \cdot 31^9 + 13 \cdot 31^{10} + 23 \cdot 31^{11} + 9 \cdot 31^{12} + 14 \cdot 31^{13} + 2 \cdot 31^{14} + 18 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 12 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 3, 2) = 27 \cdot 31^9 + 20 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 18 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 8 \cdot 31^{16} + 15 \cdot 31^{17} + 24 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 3, 1, 1) = 21 \cdot 31^9 + 12 \cdot 31^{10} + 13 \cdot 31^{11} + 27 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 28 \cdot 31^{15} + 10 \cdot 31^{16} + 2 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 3) = 2 \cdot 31^9 + 3 \cdot 31^{10} + 19 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 24 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 2, 1) = 31^{10} + 29 \cdot 31^{11} + 23 \cdot 31^{12} + 9 \cdot 31^{13} + 18 \cdot 31^{14} + 18 \cdot 31^{15} + 24 \cdot 31^{16} + 3 \cdot 31^{17} + 30 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 2) = 3 \cdot 31^9 + 12 \cdot 31^{10} + 22 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 11 \cdot 31^{14} + 16 \cdot 31^{17} + 9 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 1) = 23 \cdot 31^9 + 11 \cdot 31^{10} + 14 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 20 \cdot 31^{14} + 19 \cdot 31^{15} + 17 \cdot 31^{16} + 16 \cdot 31^{17} + 28 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 4) = 18 \cdot 31^9 + 13 \cdot 31^{10} + 3 \cdot 31^{11} + 18 \cdot 31^{12} + 4 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 24 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 3, 1) = 4 \cdot 31^9 + 29 \cdot 31^{10} + 30 \cdot 31^{11} + 22 \cdot 31^{12} + 30 \cdot 31^{13} + 11 \cdot 31^{14} + 2 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 21 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 2) = 21 \cdot 31^9 + 21 \cdot 31^{10} + 24 \cdot 31^{11} + 12 \cdot 31^{12} + 3 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 7 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 1) = 30 \cdot 31^9 + 31^{10} + 6 \cdot 31^{11} + 7 \cdot 31^{12} + 18 \cdot 31^{13} + 11 \cdot 31^{14} + 24 \cdot 31^{15} + 22 \cdot 31^{16} + 26 \cdot 31^{17} + 7 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 3) = 4 \cdot 31^9 + 20 \cdot 31^{10} + 2 \cdot 31^{11} + 30 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 4 \cdot 31^{15} + 24 \cdot 31^{16} + 21 \cdot 31^{17} + 29 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 1) = 30 \cdot 31^9 + 23 \cdot 31^{10} + 11 \cdot 31^{11} + 11 \cdot 31^{13} + 29 \cdot 31^{14} + 29 \cdot 31^{15} + 10 \cdot 31^{17} + 14 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 2) = 13 \cdot 31^9 + 18 \cdot 31^{11} + 10 \cdot 31^{12} + 7 \cdot 31^{13} + 24 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1) = 30 \cdot 31^9 + 30 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 31^{13} + 27 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 6) = 4 \cdot 31^9 + 30 \cdot 31^{10} + 2 \cdot 31^{11} + 16 \cdot 31^{12} + 10 \cdot 31^{13} + 24 \cdot 31^{14} + 5 \cdot 31^{15} + 9 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 5, 1) = 23 \cdot 31^9 + 27 \cdot 31^{10} + 7 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{15} + 7 \cdot 31^{16} + 19 \cdot 31^{17} + 15 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 4, 2) = 24 \cdot 31^9 + 23 \cdot 31^{10} + 14 \cdot 31^{11} + 4 \cdot 31^{12} + 16 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 29 \cdot 31^{17} + 18 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 4, 1, 1) = 19 \cdot 31^9 + 9 \cdot 31^{10} + 13 \cdot 31^{11} + 31^{12} + 5 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 29 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 3) = 5 \cdot 31^9 + 19 \cdot 31^{10} + 2 \cdot 31^{11} + 17 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 2, 1) = 11 \cdot 31^9 + 20 \cdot 31^{10} + 31^{11} + 4 \cdot 31^{12} + 14 \cdot 31^{13} + 22 \cdot 31^{14} + 11 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 2) = 29 \cdot 31^9 + 6 \cdot 31^{10} + 7 \cdot 31^{11} + 27 \cdot 31^{12} + 19 \cdot 31^{13} + 22 \cdot 31^{14} + 24 \cdot 31^{15} + 25 \cdot 31^{16} + 25 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 1) = 28 \cdot 31^9 + 16 \cdot 31^{10} + 29 \cdot 31^{11} + 8 \cdot 31^{12} + 10 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 13 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 4) = 2 \cdot 31^9 + 31^{10} + 16 \cdot 31^{11} + 20 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 18 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 3, 1) = 23 \cdot 31^9 + 22 \cdot 31^{10} + 25 \cdot 31^{11} + 23 \cdot 31^{12} + 30 \cdot 31^{13} + 30 \cdot 31^{14} + 17 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 23 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 2) = 19 \cdot 31^9 + 22 \cdot 31^{10} + 6 \cdot 31^{11} + 24 \cdot 31^{12} + 28 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 1) = 23 \cdot 31^9 + 22 \cdot 31^{10} + 29 \cdot 31^{11} + 11 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 21 \cdot 31^{16} + 17 \cdot 31^{17} + 13 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 3) = 2 \cdot 31^9 + 3 \cdot 31^{10} + 19 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 24 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 1) = 26 \cdot 31^9 + 8 \cdot 31^{10} + 28 \cdot 31^{11} + 5 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 31^{17} + 4 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 2) = 20 \cdot 31^9 + 5 \cdot 31^{10} + 10 \cdot 31^{11} + 19 \cdot 31^{12} + 26 \cdot 31^{13} + 25 \cdot 31^{14} + 16 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1) = 9 \cdot 31^9 + 18 \cdot 31^{10} + 25 \cdot 31^{11} + 13 \cdot 31^{12} + 16 \cdot 31^{13} + 30 \cdot 31^{14} + 10 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 5) = 28 \cdot 31^9 + 6 \cdot 31^{10} + 22 \cdot 31^{11} + 21 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 4, 1) = 29 \cdot 31^9 + 10 \cdot 31^{10} + 8 \cdot 31^{11} + 11 \cdot 31^{12} + 5 \cdot 31^{13} + 9 \cdot 31^{14} + 27 \cdot 31^{15} + 12 \cdot 31^{16} + 18 \cdot 31^{17} + 22 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 2) = 17 \cdot 31^9 + 19 \cdot 31^{10} + 14 \cdot 31^{11} + 15 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 11 \cdot 31^{16} + 16 \cdot 31^{17} + 4 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 1) = 30 \cdot 31^9 + 31^{10} + 6 \cdot 31^{11} + 7 \cdot 31^{12} + 18 \cdot 31^{13} + 11 \cdot 31^{14} + 24 \cdot 31^{15} + 22 \cdot 31^{16} + 26 \cdot 31^{17} + 7 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 3) = 5 \cdot 31^9 + 19 \cdot 31^{10} + 2 \cdot 31^{11} + 17 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 1) = 30 \cdot 31^9 + 22 \cdot 31^{10} + 17 \cdot 31^{12} + 24 \cdot 31^{13} + 30 \cdot 31^{14} + 29 \cdot 31^{15} + 16 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 2) = 31^9 + 18 \cdot 31^{10} + 12 \cdot 31^{11} + 3 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1) = 28 \cdot 31^9 + 14 \cdot 31^{10} + 17 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 4) = 3 \cdot 31^9 + 26 \cdot 31^{10} + 29 \cdot 31^{11} + 24 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 1) = 16 \cdot 31^9 + 28 \cdot 31^{10} + 23 \cdot 31^{11} + 7 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 17 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 2) = 20 \cdot 31^9 + 24 \cdot 31^{10} + 25 \cdot 31^{11} + 15 \cdot 31^{12} + 8 \cdot 31^{13} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1) = 6 \cdot 31^9 + 31^{10} + 27 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 7 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 3) = 9 \cdot 31^9 + 20 \cdot 31^{10} + 29 \cdot 31^{11} + 31^{12} + 31^{13} + 26 \cdot 31^{14} + 6 \cdot 31^{15} + 26 \cdot 31^{16} + 16 \cdot 31^{17} + 15 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1) = 25 \cdot 31^9 + 28 \cdot 31^{10} + 18 \cdot 31^{11} + 11 \cdot 31^{12} + 10 \cdot 31^{13} + 11 \cdot 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 12 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2) = 4 \cdot 31^9 + 16 \cdot 31^{10} + 20 \cdot 31^{11} + 23 \cdot 31^{12} + 25 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 15 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1) = 28 \cdot 31^9 + 14 \cdot 31^{10} + 17 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 7) = 10 \cdot 31^9 + 7 \cdot 31^{10} + 8 \cdot 31^{11} + 16 \cdot 31^{12} + 27 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{15} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 6, 1) = 4 \cdot 31^9 + 7 \cdot 31^{10} + 5 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 23 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 5, 2) = 27 \cdot 31^9 + 10 \cdot 31^{10} + 17 \cdot 31^{11} + 31^{12} + 4 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 26 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 5, 1, 1) = 15 \cdot 31^9 + 31^{10} + 25 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 2 \cdot 31^{17} + 13 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 3) = 3 \cdot 31^9 + 26 \cdot 31^{10} + 29 \cdot 31^{11} + 24 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 2, 1) = 26 \cdot 31^9 + 2 \cdot 31^{10} + 3 \cdot 31^{11} + 18 \cdot 31^{12} + 19 \cdot 31^{13} + 4 \cdot 31^{14} + 18 \cdot 31^{15} + 20 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 2) = 12 \cdot 31^9 + 26 \cdot 31^{10} + 7 \cdot 31^{11} + 28 \cdot 31^{12} + 12 \cdot 31^{13} + 8 \cdot 31^{14} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 1) = 6 \cdot 31^9 + 29 \cdot 31^{10} + 4 \cdot 31^{11} + 3 \cdot 31^{12} + 3 \cdot 31^{13} + 30 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 16 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 4) = 11 \cdot 31^9 + 19 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 26 \cdot 31^{13} + 10 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 3, 1) = 17 \cdot 31^9 + 5 \cdot 31^{10} + 14 \cdot 31^{11} + 12 \cdot 31^{12} + 9 \cdot 31^{13} + 29 \cdot 31^{15} + 2 \cdot 31^{16} + 17 \cdot 31^{17} + 28 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 2) = 19 \cdot 31^9 + 29 \cdot 31^{11} + 29 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 9 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 1) = 31^9 + 13 \cdot 31^{11} + 2 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 3) = 18 \cdot 31^9 + 13 \cdot 31^{10} + 3 \cdot 31^{11} + 18 \cdot 31^{12} + 4 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 24 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 1) = 24 \cdot 31^9 + 2 \cdot 31^{10} + 16 \cdot 31^{11} + 13 \cdot 31^{12} + 10 \cdot 31^{14} + 15 \cdot 31^{15} + 6 \cdot 31^{16} + 23 \cdot 31^{17} + 30 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 2) = 28 \cdot 31^9 + 30 \cdot 31^{10} + 9 \cdot 31^{11} + 10 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1) = 9 \cdot 31^9 + 4 \cdot 31^{10} + 3 \cdot 31^{11} + 13 \cdot 31^{12} + 13 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 5) = 15 \cdot 31^9 + 2 \cdot 31^{10} + 15 \cdot 31^{11} + 10 \cdot 31^{12} + 18 \cdot 31^{13} + 16 \cdot 31^{14} + 7 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 26 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 4, 1) = 29 \cdot 31^9 + 2 \cdot 31^{10} + 28 \cdot 31^{11} + 2 \cdot 31^{12} + 9 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 21 \cdot 31^{16} + 6 \cdot 31^{17} + 4 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 2) = 11 \cdot 31^9 + 9 \cdot 31^{10} + 3 \cdot 31^{11} + 24 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 27 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 1) = 27 \cdot 31^9 + 25 \cdot 31^{10} + 28 \cdot 31^{11} + 2 \cdot 31^{12} + 30 \cdot 31^{13} + 31^{14} + 7 \cdot 31^{15} + 27 \cdot 31^{16} + 16 \cdot 31^{17} + 18 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 3) = 2 \cdot 31^9 + 31^{10} + 16 \cdot 31^{11} + 20 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 18 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 1) = 30 \cdot 31^9 + 4 \cdot 31^{10} + 2 \cdot 31^{11} + 18 \cdot 31^{12} + 31^{13} + 29 \cdot 31^{14} + 5 \cdot 31^{15} + 30 \cdot 31^{16} + 21 \cdot 31^{17} + 16 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 2) = 12 \cdot 31^9 + 10 \cdot 31^{10} + 13 \cdot 31^{11} + 7 \cdot 31^{12} + 28 \cdot 31^{13} + 8 \cdot 31^{14} + 14 \cdot 31^{15} + 24 \cdot 31^{16} + 22 \cdot 31^{17} + 14 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1) = 21 \cdot 31^9 + 27 \cdot 31^{10} + 5 \cdot 31^{11} + 19 \cdot 31^{12} + 16 \cdot 31^{13} + 28 \cdot 31^{14} + 15 \cdot 31^{16} + 24 \cdot 31^{17} + 10 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 4) = 11 \cdot 31^9 + 19 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 26 \cdot 31^{13} + 10 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 1) = 16 \cdot 31^9 + 24 \cdot 31^{10} + 2 \cdot 31^{11} + 23 \cdot 31^{12} + 9 \cdot 31^{13} + 29 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 2) = 21 \cdot 31^9 + 17 \cdot 31^{10} + 27 \cdot 31^{11} + 27 \cdot 31^{12} + 24 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1) = 28 \cdot 31^9 + 14 \cdot 31^{10} + 17 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 3) = 7 \cdot 31^9 + 17 \cdot 31^{10} + 26 \cdot 31^{11} + 30 \cdot 31^{12} + 22 \cdot 31^{13} + 2 \cdot 31^{14} + 4 \cdot 31^{15} + 28 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1) = 4 \cdot 31^9 + 2 \cdot 31^{10} + 29 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2) = 16 \cdot 31^9 + 25 \cdot 31^{10} + 29 \cdot 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 15 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1) = 6 \cdot 31^9 + 31^{10} + 27 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 7 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 6) = 16 \cdot 31^9 + 14 \cdot 31^{10} + 15 \cdot 31^{12} + 18 \cdot 31^{13} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 5, 1) = 21 \cdot 31^9 + 19 \cdot 31^{10} + 19 \cdot 31^{11} + 25 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 29 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 22 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 4, 2) = 11 \cdot 31^9 + 22 \cdot 31^{10} + 2 \cdot 31^{11} + 22 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 16 \cdot 31^{15} + 26 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 4, 1, 1) = 4 \cdot 31^9 + 18 \cdot 31^{10} + 24 \cdot 31^{11} + 11 \cdot 31^{12} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 21 \cdot 31^{15} + 8 \cdot 31^{16} + 23 \cdot 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 3) = 28 \cdot 31^9 + 6 \cdot 31^{10} + 22 \cdot 31^{11} + 21 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 1) = 11 \cdot 31^9 + 28 \cdot 31^{10} + 15 \cdot 31^{11} + 18 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 13 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 2) = 31^9 + 20 \cdot 31^{10} + 18 \cdot 31^{12} + 9 \cdot 31^{13} + 2 \cdot 31^{14} + 21 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 16 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1) = 9 \cdot 31^9 + 4 \cdot 31^{10} + 3 \cdot 31^{11} + 13 \cdot 31^{12} + 13 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 4) = 15 \cdot 31^9 + 2 \cdot 31^{10} + 15 \cdot 31^{11} + 10 \cdot 31^{12} + 18 \cdot 31^{13} + 16 \cdot 31^{14} + 7 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 26 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 1) = 2 \cdot 31^9 + 20 \cdot 31^{10} + 14 \cdot 31^{11} + 13 \cdot 31^{12} + 18 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 24 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 2) = 7 \cdot 31^9 + 10 \cdot 31^{11} + 24 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 14 \cdot 31^{17} + 27 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1) = 9 \cdot 31^9 + 18 \cdot 31^{10} + 25 \cdot 31^{11} + 13 \cdot 31^{12} + 16 \cdot 31^{13} + 30 \cdot 31^{14} + 10 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 3) = 31^9 + 23 \cdot 31^{10} + 26 \cdot 31^{11} + 2 \cdot 31^{12} + 5 \cdot 31^{13} + 16 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 29 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1) = 14 \cdot 31^9 + 6 \cdot 31^{10} + 8 \cdot 31^{11} + 3 \cdot 31^{12} + 4 \cdot 31^{13} + 12 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 17 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2) = 14 \cdot 31^9 + 20 \cdot 31^{10} + 30 \cdot 31^{11} + 3 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 31^9 + 6 \cdot 31^{10} + 28 \cdot 31^{11} + 13 \cdot 31^{12} + 10 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 7 \cdot 31^{16} + 22 \cdot 31^{17} + 15 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 5) = 16 \cdot 31^9 + 14 \cdot 31^{10} + 15 \cdot 31^{12} + 18 \cdot 31^{13} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 1) = 2 \cdot 31^9 + 14 \cdot 31^{10} + 27 \cdot 31^{11} + 19 \cdot 31^{12} + 13 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 15 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 2) = 27 \cdot 31^9 + 4 \cdot 31^{10} + 13 \cdot 31^{11} + 21 \cdot 31^{12} + 27 \cdot 31^{13} + 29 \cdot 31^{14} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 26 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1) = 30 \cdot 31^9 + 30 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 31^{13} + 27 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 3) = 4 \cdot 31^9 + 30 \cdot 31^{10} + 2 \cdot 31^{11} + 16 \cdot 31^{12} + 10 \cdot 31^{13} + 24 \cdot 31^{14} + 5 \cdot 31^{15} + 9 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1) = 28 \cdot 31^9 + 14 \cdot 31^{10} + 17 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2) = 26 \cdot 31^9 + 29 \cdot 31^{10} + 10 \cdot 31^{11} + 9 \cdot 31^{12} + 7 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 31^9 + 31^{10} + 27 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 7 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 4) = 10 \cdot 31^9 + 7 \cdot 31^{10} + 8 \cdot 31^{11} + 16 \cdot 31^{12} + 27 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{16} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1) = 6 \cdot 31^9 + 18 \cdot 31^{10} + 4 \cdot 31^{11} + 19 \cdot 31^{12} + 19 \cdot 31^{13} + 18 \cdot 31^{14} + 4 \cdot 31^{15} + 29 \cdot 31^{16} + 8 \cdot 31^{17} + 4 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2) = 28 \cdot 31^9 + 28 \cdot 31^{10} + 8 \cdot 31^{11} + 6 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 18 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1) = 28 \cdot 31^9 + 14 \cdot 31^{10} + 17 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3) = 4 \cdot 31^9 + 2 \cdot 31^{10} + 29 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1) = 23 \cdot 31^9 + 26 \cdot 31^{10} + 3 \cdot 31^{11} + 16 \cdot 31^{12} + 16 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{17} + 15 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2) = 31^9 + 16 \cdot 31^{10} + 30 \cdot 31^{11} + 28 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 11 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20})
\end{aligned}$$

## 11.11. weight 10 case.

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{31}(10) = O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{31}(9, 1) = 4 \cdot 31^{10} + 19 \cdot 31^{11} + 24 \cdot 31^{12} + 23 \cdot 31^{13} + 22 \cdot 31^{14} + 12 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{31}(8, 2) = 21 \cdot 31^{10} + 27 \cdot 31^{11} + 16 \cdot 31^{12} + 10 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 22 \cdot 31^{16} + 23 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{31}(8, 1, 1) = 21 \cdot 31^{10} + 15 \cdot 31^{12} + 25 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 22 \cdot 31^{16} + 10 \cdot 31^{17} + 19 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{31}(7, 3) = 31^{10} + 22 \cdot 31^{11} + 30 \cdot 31^{12} + 30 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{31}(7, 2, 1) = 21 \cdot 31^{10} + 31^{11} + 29 \cdot 31^{12} + 7 \cdot 31^{13} + 10 \cdot 31^{14} + 14 \cdot 31^{15} + 30 \cdot 31^{16} + 19 \cdot 31^{17} + 16 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{31}(7, 1, 2) = 6 \cdot 31^{10} + 7 \cdot 31^{11} + 6 \cdot 31^{12} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 21 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{31}(7, 1, 1, 1) = 20 \cdot 31^{10} + 12 \cdot 31^{11} + 12 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 22 \cdot 31^{17} + 21 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{31}(6, 4) = 8 \cdot 31^{10} + 4 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 9 \cdot 31^{15} + 6 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{31}(6, 3, 1) = 25 \cdot 31^{10} + 28 \cdot 31^{11} + 5 \cdot 31^{12} + 27 \cdot 31^{13} + 27 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 23 \cdot 31^{17} + 26 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{31}(6, 2, 2) = 4 \cdot 31^{10} + 5 \cdot 31^{11} + 8 \cdot 31^{12} + 14 \cdot 31^{13} + 30 \cdot 31^{14} + 6 \cdot 31^{15} + 3 \cdot 31^{16} + 13 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{31}(6, 2, 1, 1) = 18 \cdot 31^{10} + 22 \cdot 31^{11} + 29 \cdot 31^{12} + 14 \cdot 31^{13} + 31^{14} + 3 \cdot 31^{15} + 18 \cdot 31^{16} + 7 \cdot 31^{17} + 17 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{31}(6, 1, 3) = 22 \cdot 31^{10} + 18 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 24 \cdot 31^{14} + 31^{15} + 16 \cdot 31^{16} + 10 \cdot 31^{17} + 28 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{31}(6, 1, 2, 1) = 27 \cdot 31^{10} + 31^{11} + 23 \cdot 31^{12} + 27 \cdot 31^{13} + 29 \cdot 31^{14} + 17 \cdot 31^{15} + 5 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{31}(6, 1, 1, 2) = 22 \cdot 31^{10} + 19 \cdot 31^{11} + 25 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{31}(6, 1, 1, 1, 1) = 19 \cdot 31^{10} + 19 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 13 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{31}(5, 5) = 5 \cdot 31^{10} + 7 \cdot 31^{11} + 5 \cdot 31^{12} + 3 \cdot 31^{13} + 23 \cdot 31^{14} + 10 \cdot 31^{15} + 14 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{31}(5, 4, 1) = 13 \cdot 31^{10} + 23 \cdot 31^{11} + 25 \cdot 31^{12} + 22 \cdot 31^{13} + 23 \cdot 31^{14} + 19 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{31}(5, 3, 2) = 23 \cdot 31^{10} + 20 \cdot 31^{11} + 18 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 22 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{31}(5, 3, 1, 1) = 30 \cdot 31^{10} + 4 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 3 \cdot 31^{15} + 27 \cdot 31^{16} + 11 \cdot 31^{17} + 23 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{31}(5, 2, 3) = 3 \cdot 31^{10} + 2 \cdot 31^{11} + 30 \cdot 31^{12} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 13 \cdot 31^{17} + 21 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{31}(5, 2, 2, 1) = 10 \cdot 31^{10} + 7 \cdot 31^{11} + 4 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 24 \cdot 31^{15} + 28 \cdot 31^{16} + 9 \cdot 31^{17} + 21 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{31}(5, 2, 1, 2) = 23 \cdot 31^{10} + 20 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 18 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{31}(5, 2, 1, 1, 1) = 30 \cdot 31^{10} + 22 \cdot 31^{11} + 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 4 \cdot 31^{15} + 9 \cdot 31^{16} + 7 \cdot 31^{17} + 14 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{31}(5, 1, 4) = 13 \cdot 31^{10} + 19 \cdot 31^{11} + 31^{12} + 2 \cdot 31^{13} + 28 \cdot 31^{14} + 25 \cdot 31^{15} + 11 \cdot 31^{16} + 11 \cdot 31^{17} + 26 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{31}(5, 1, 3, 1) = 13 \cdot 31^{10} + 19 \cdot 31^{11} + 4 \cdot 31^{12} + 24 \cdot 31^{13} + 10 \cdot 31^{14} + 26 \cdot 31^{15} + 15 \cdot 31^{16} + 18 \cdot 31^{17} + 10 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{31}(5, 1, 2, 2) = 28 \cdot 31^{10} + 13 \cdot 31^{11} + 30 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{31}(5, 1, 2, 1, 1) = 7 \cdot 31^{10} + 25 \cdot 31^{11} + 6 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 7 \cdot 31^{15} + 26 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{31}(5, 1, 1, 3) = 13 \cdot 31^{10} + 24 \cdot 31^{11} + 11 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{14} + 30 \cdot 31^{15} + 18 \cdot 31^{16} + 3 \cdot 31^{17} + 14 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{31}(5, 1, 1, 2, 1) = 29 \cdot 31^{10} + 4 \cdot 31^{11} + 25 \cdot 31^{12} + 31^{13} + 8 \cdot 31^{14} + 12 \cdot 31^{15} + 12 \cdot 31^{16} + 16 \cdot 31^{17} + 21 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{31}(5, 1, 1, 1, 2) = 7 \cdot 31^{10} + 22 \cdot 31^{11} + 28 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{31}(5, 1, 1, 1, 1, 1) = 11 \cdot 31^{10} + 12 \cdot 31^{11} + 2 \cdot 31^{12} + 31^{13} + 27 \cdot 31^{14} + 15 \cdot 31^{15} + 6 \cdot 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20})$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 6) = 23 \cdot 31^{10} + 26 \cdot 31^{11} + 4 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 24 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 5, 1) = 27 \cdot 31^{10} + 23 \cdot 31^{11} + 4 \cdot 31^{12} + 10 \cdot 31^{13} + 26 \cdot 31^{14} + 23 \cdot 31^{15} + 17 \cdot 31^{16} + 30 \cdot 31^{17} + 5 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 4, 2) = 13 \cdot 31^{10} + 24 \cdot 31^{11} + 6 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{15} + 4 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 4, 1, 1) = 31^{10} + 14 \cdot 31^{11} + 5 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 3, 3) = 19 \cdot 31^{10} + 12 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 4 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{16} + 10 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 3, 2, 1) = 12 \cdot 31^{10} + 30 \cdot 31^{11} + 20 \cdot 31^{13} + 18 \cdot 31^{14} + 9 \cdot 31^{15} + 14 \cdot 31^{16} + 16 \cdot 31^{17} + 17 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 3, 1, 2) = 27 \cdot 31^{10} + 29 \cdot 31^{11} + 6 \cdot 31^{12} + 26 \cdot 31^{13} + 8 \cdot 31^{14} + 8 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 3, 1, 1, 1) = 8 \cdot 31^{10} + 25 \cdot 31^{11} + 3 \cdot 31^{12} + 4 \cdot 31^{13} + 28 \cdot 31^{14} + 30 \cdot 31^{15} + 26 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 2, 4) = 23 \cdot 31^{10} + 20 \cdot 31^{11} + 30 \cdot 31^{12} + 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 2 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 2, 3, 1) = 16 \cdot 31^{10} + 26 \cdot 31^{11} + 21 \cdot 31^{12} + 17 \cdot 31^{13} + 15 \cdot 31^{14} + 9 \cdot 31^{15} + 8 \cdot 31^{16} + 9 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 2, 2, 2) = 4 \cdot 31^{10} + 18 \cdot 31^{11} + 12 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 11 \cdot 31^{15} + 8 \cdot 31^{16} + 4 \cdot 31^{17} + 22 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 2, 2, 1, 1) = 15 \cdot 31^{10} + 24 \cdot 31^{11} + 27 \cdot 31^{12} + 2 \cdot 31^{13} + 4 \cdot 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 2, 1, 3) = 4 \cdot 31^{10} + 10 \cdot 31^{11} + 27 \cdot 31^{12} + 27 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 2, 1, 2, 1) = 10 \cdot 31^{10} + 6 \cdot 31^{11} + 30 \cdot 31^{12} + 30 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 2, 1, 1, 2) = 11 \cdot 31^{10} + 15 \cdot 31^{11} + 28 \cdot 31^{12} + 5 \cdot 31^{13} + 27 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 28 \cdot 31^{17} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 2, 1, 1, 1, 1) = 21 \cdot 31^{10} + 21 \cdot 31^{11} + 9 \cdot 31^{12} + 15 \cdot 31^{13} + 2 \cdot 31^{14} + 10 \cdot 31^{15} + 22 \cdot 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 5) = 27 \cdot 31^{10} + 18 \cdot 31^{11} + 5 \cdot 31^{12} + 13 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 4, 1) = 18 \cdot 31^{10} + 4 \cdot 31^{11} + 31^{12} + 23 \cdot 31^{13} + 7 \cdot 31^{14} + 7 \cdot 31^{15} + 30 \cdot 31^{16} + 7 \cdot 31^{17} + 29 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 3, 2) = 30 \cdot 31^{10} + 12 \cdot 31^{11} + 22 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 3, 1, 1) = 23 \cdot 31^{10} + 21 \cdot 31^{11} + 18 \cdot 31^{12} + 28 \cdot 31^{14} + 18 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 14 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 2, 3) = 27 \cdot 31^{10} + 27 \cdot 31^{11} + 21 \cdot 31^{12} + 30 \cdot 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{16} + 22 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 2, 2, 1) = 3 \cdot 31^{10} + 12 \cdot 31^{11} + 24 \cdot 31^{12} + 22 \cdot 31^{14} + 26 \cdot 31^{15} + 16 \cdot 31^{16} + 25 \cdot 31^{17} + 21 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 2, 1, 2) = 9 \cdot 31^{10} + 9 \cdot 31^{11} + 17 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 10 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 2, 1, 1, 1) = 22 \cdot 31^{10} + 11 \cdot 31^{11} + 8 \cdot 31^{12} + 7 \cdot 31^{13} + 2 \cdot 31^{14} + 2 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 4) = 29 \cdot 31^{10} + 16 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 14 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 3, 1) = 10 \cdot 31^{10} + 19 \cdot 31^{11} + 31^{12} + 17 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 21 \cdot 31^{16} + 26 \cdot 31^{17} + 5 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 2, 2) = 9 \cdot 31^{10} + 27 \cdot 31^{11} + 9 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 2, 1, 1) = 25 \cdot 31^{10} + 5 \cdot 31^{11} + 20 \cdot 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 3) = 19 \cdot 31^{10} + 4 \cdot 31^{11} + 26 \cdot 31^{12} + 8 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 2, 1) = 30 \cdot 31^{10} + 3 \cdot 31^{11} + 23 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 14 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 2) = 22 \cdot 31^{10} + 19 \cdot 31^{11} + 25 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 1) = 4 \cdot 31^{10} + 29 \cdot 31^{11} + 6 \cdot 31^{12} + 27 \cdot 31^{13} + 6 \cdot 31^{14} + 18 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 13 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 7) = 29 \cdot 31^{10} + 20 \cdot 31^{11} + 19 \cdot 31^{12} + 20 \cdot 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 6, 1) = 7 \cdot 31^{10} + 5 \cdot 31^{11} + 14 \cdot 31^{12} + 21 \cdot 31^{13} + 20 \cdot 31^{14} + 25 \cdot 31^{15} + 25 \cdot 31^{16} + 17 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 5, 2) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 17 \cdot 31^{14} + 17 \cdot 31^{15} + 17 \cdot 31^{16} + 5 \cdot 31^{17} + 19 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 5, 1, 1) = 23 \cdot 31^{10} + 7 \cdot 31^{11} + 9 \cdot 31^{12} + 10 \cdot 31^{13} + 25 \cdot 31^{14} + 31^{15} + 4 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 4, 3) = 18 \cdot 31^{10} + 20 \cdot 31^{11} + 15 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 23 \cdot 31^{15} + 8 \cdot 31^{16} + 21 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 4, 2, 1) = 8 \cdot 31^{10} + 17 \cdot 31^{11} + 28 \cdot 31^{12} + 20 \cdot 31^{13} + 11 \cdot 31^{14} + 2 \cdot 31^{15} + 14 \cdot 31^{16} + 30 \cdot 31^{17} + 24 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 4, 1, 2) = 29 \cdot 31^{10} + 4 \cdot 31^{11} + 8 \cdot 31^{12} + 26 \cdot 31^{13} + 14 \cdot 31^{14} + 20 \cdot 31^{15} + 16 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 4, 1, 1, 1) = 28 \cdot 31^{10} + 29 \cdot 31^{11} + 25 \cdot 31^{12} + 8 \cdot 31^{13} + 21 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 23 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 3, 4) = 26 \cdot 31^{10} + 16 \cdot 31^{11} + 23 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 21 \cdot 31^{15} + 3 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 3, 3, 1) = 3 \cdot 31^{10} + 26 \cdot 31^{11} + 28 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 30 \cdot 31^{15} + 26 \cdot 31^{16} + 10 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 3, 2, 2) = 25 \cdot 31^{10} + 25 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 3, 2, 1, 1) = 28 \cdot 31^{10} + 11 \cdot 31^{11} + 7 \cdot 31^{12} + 12 \cdot 31^{13} + 2 \cdot 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 3, 1, 3) = 13 \cdot 31^{10} + 15 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 3, 1, 2, 1) = 19 \cdot 31^{10} + 21 \cdot 31^{11} + 28 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 17 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 3, 1, 1, 2) = 9 \cdot 31^{10} + 9 \cdot 31^{11} + 17 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 10 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 3, 1, 1, 1, 1) = 7 \cdot 31^{10} + 23 \cdot 31^{11} + 21 \cdot 31^{12} + 20 \cdot 31^{13} + 21 \cdot 31^{14} + 3 \cdot 31^{15} + 31^{16} + 22 \cdot 31^{17} + 21 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 5) = 3 \cdot 31^{10} + 26 \cdot 31^{11} + 23 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 10 \cdot 31^{15} + 30 \cdot 31^{16} + 20 \cdot 31^{17} + 24 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 4, 1) = 15 \cdot 31^{10} + 20 \cdot 31^{11} + 26 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 2 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 3, 2) = 25 \cdot 31^{10} + 22 \cdot 31^{11} + 15 \cdot 31^{12} + 18 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 3, 1, 1) = 25 \cdot 31^{10} + 31^{11} + 12 \cdot 31^{12} + 27 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 21 \cdot 31^{16} + 31^{17} + 30 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 2, 3) = 4 \cdot 31^{10} + 4 \cdot 31^{11} + 25 \cdot 31^{12} + 21 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 2, 2, 1) = 8 \cdot 31^{10} + 13 \cdot 31^{11} + 11 \cdot 31^{12} + 29 \cdot 31^{13} + 13 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 6 \cdot 31^{17} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 2, 1, 2) = 19 \cdot 31^{10} + 20 \cdot 31^{11} + 5 \cdot 31^{12} + 17 \cdot 31^{13} + 8 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 6 \cdot 31^{17} + 16 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 2, 1, 1, 1) = 19 \cdot 31^{10} + 7 \cdot 31^{11} + 8 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{17} + 25 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 4) = 27 \cdot 31^{10} + 22 \cdot 31^{11} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 11 \cdot 31^{15} + 5 \cdot 31^{16} + 16 \cdot 31^{17} + 10 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 3, 1) = 31^{11} + 23 \cdot 31^{12} + 2 \cdot 31^{13} + 11 \cdot 31^{14} + 17 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 2, 2) = 25 \cdot 31^{10} + 3 \cdot 31^{11} + 15 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 25 \cdot 31^{15} + 11 \cdot 31^{16} + 29 \cdot 31^{17} + 9 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 2, 1, 1) = 19 \cdot 31^{10} + 26 \cdot 31^{11} + 16 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 26 \cdot 31^{15} + 10 \cdot 31^{16} + 14 \cdot 31^{17} + 14 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 3) = 25 \cdot 31^{10} + 29 \cdot 31^{11} + 22 \cdot 31^{12} + 27 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 24 \cdot 31^{16} + 16 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 2, 1) = 28 \cdot 31^{10} + 4 \cdot 31^{11} + 27 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 14 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 16 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 2) = 23 \cdot 31^{10} + 20 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 18 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 1) = 15 \cdot 31^{10} + 26 \cdot 31^{11} + 26 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 6) = 28 \cdot 31^{10} + 18 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{13} + 6 \cdot 31^{14} + 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 5, 1) = 23 \cdot 31^{10} + 24 \cdot 31^{12} + 3 \cdot 31^{13} + 21 \cdot 31^{14} + 12 \cdot 31^{15} + 25 \cdot 31^{16} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 4, 2) = 2 \cdot 31^{10} + 20 \cdot 31^{11} + 30 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 3 \cdot 31^{15} + 27 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 4, 1, 1) = 21 \cdot 31^{10} + 29 \cdot 31^{11} + 13 \cdot 31^{12} + 4 \cdot 31^{13} + 5 \cdot 31^{14} + 23 \cdot 31^{15} + 23 \cdot 31^{16} + 18 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 3, 3) = 19 \cdot 31^{10} + 27 \cdot 31^{11} + 10 \cdot 31^{12} + 23 \cdot 31^{13} + 21 \cdot 31^{14} + 10 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 6 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 3, 2, 1) = 23 \cdot 31^{10} + 15 \cdot 31^{11} + 20 \cdot 31^{12} + 7 \cdot 31^{13} + 20 \cdot 31^{14} + 28 \cdot 31^{15} + 19 \cdot 31^{16} + 13 \cdot 31^{17} + 27 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 3, 1, 2) = 16 \cdot 31^{10} + 9 \cdot 31^{11} + 21 \cdot 31^{12} + 20 \cdot 31^{13} + 15 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 3, 1, 1, 1) = 26 \cdot 31^{10} + 7 \cdot 31^{11} + 21 \cdot 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 22 \cdot 31^{16} + 18 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 4) = 31^{10} + 12 \cdot 31^{11} + 13 \cdot 31^{12} + 21 \cdot 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 9 \cdot 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 3, 1) = 6 \cdot 31^{10} + 2 \cdot 31^{11} + 23 \cdot 31^{12} + 5 \cdot 31^{13} + 26 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 2, 2) = 11 \cdot 31^{10} + 7 \cdot 31^{11} + 18 \cdot 31^{12} + 14 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 2, 1, 1) = 31^{10} + 25 \cdot 31^{11} + 13 \cdot 31^{13} + 21 \cdot 31^{14} + 29 \cdot 31^{15} + 11 \cdot 31^{16} + 22 \cdot 31^{17} + 23 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 3) = 8 \cdot 31^{10} + 29 \cdot 31^{11} + 3 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 15 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 2, 1) = 29 \cdot 31^{10} + 24 \cdot 31^{11} + 9 \cdot 31^{12} + 30 \cdot 31^{13} + 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 24 \cdot 31^{17} + 24 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 2) = 27 \cdot 31^{10} + 29 \cdot 31^{11} + 6 \cdot 31^{12} + 26 \cdot 31^{13} + 8 \cdot 31^{14} + 8 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 1) = 6 \cdot 31^{10} + 25 \cdot 31^{11} + 26 \cdot 31^{12} + 23 \cdot 31^{13} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 29 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 5) = 18 \cdot 31^{10} + 16 \cdot 31^{11} + 10 \cdot 31^{12} + 26 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 4, 1) = 10 \cdot 31^{10} + 29 \cdot 31^{11} + 25 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 3, 2) = 6 \cdot 31^{10} + 16 \cdot 31^{11} + 13 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 18 \cdot 31^{15} + 5 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 3, 1, 1) = 3 \cdot 31^{10} + 13 \cdot 31^{11} + 10 \cdot 31^{12} + 27 \cdot 31^{13} + 11 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 3) = 17 \cdot 31^{10} + 20 \cdot 31^{11} + 26 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 2 \cdot 31^{15} + 30 \cdot 31^{16} + 29 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 2, 1) = 23 \cdot 31^{10} + 29 \cdot 31^{11} + 9 \cdot 31^{12} + 8 \cdot 31^{13} + 13 \cdot 31^{14} + 26 \cdot 31^{15} + 21 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 2) = 29 \cdot 31^{10} + 4 \cdot 31^{11} + 8 \cdot 31^{12} + 26 \cdot 31^{13} + 14 \cdot 31^{14} + 20 \cdot 31^{15} + 16 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 1) = 16 \cdot 31^{10} + 26 \cdot 31^{11} + 22 \cdot 31^{12} + 8 \cdot 31^{13} + 16 \cdot 31^{14} + 24 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{17} + 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 4) = 4 \cdot 31^{10} + 3 \cdot 31^{11} + 29 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 18 \cdot 31^{15} + 29 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 3, 1) = 13 \cdot 31^{10} + 9 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 17 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 15 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 2) = 3 \cdot 31^{10} + 28 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 4 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 1) = 26 \cdot 31^{10} + 27 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 31^{16} + 13 \cdot 31^{17} + 6 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 3) = 21 \cdot 31^{10} + 20 \cdot 31^{11} + 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{14} + 18 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 2 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 1) = 9 \cdot 31^{10} + 7 \cdot 31^{11} + 11 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 26 \cdot 31^{15} + 21 \cdot 31^{16} + 25 \cdot 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 2) = 6 \cdot 31^{10} + 7 \cdot 31^{11} + 6 \cdot 31^{12} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 21 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 31^{10} + 5 \cdot 31^{11} + 3 \cdot 31^{12} + 16 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 12 \cdot 31^{16} + 21 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 8) = 10 \cdot 31^{10} + 3 \cdot 31^{11} + 14 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 14 \cdot 31^{15} + 8 \cdot 31^{16} + 7 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 7, 1) = 30 \cdot 31^{10} + 11 \cdot 31^{11} + 2 \cdot 31^{12} + 30 \cdot 31^{13} + 18 \cdot 31^{14} + 27 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 18 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 6, 2) = 25 \cdot 31^{10} + 19 \cdot 31^{11} + 29 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 21 \cdot 31^{15} + 26 \cdot 31^{16} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 6, 1, 1) = 20 \cdot 31^{10} + 22 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 27 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 25 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 5, 3) = 30 \cdot 31^{10} + 9 \cdot 31^{11} + 8 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 11 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 5, 2, 1) = 13 \cdot 31^{10} + 30 \cdot 31^{11} + 18 \cdot 31^{12} + 22 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 30 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 5, 1, 2) = 3 \cdot 31^{10} + 28 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 4 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 5, 1, 1, 1) = 6 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 4 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 4, 4) = 26 \cdot 31^{10} + 16 \cdot 31^{11} + 24 \cdot 31^{12} + 6 \cdot 31^{13} + 29 \cdot 31^{14} + 3 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 4, 3, 1) = 29 \cdot 31^{10} + 2 \cdot 31^{11} + 18 \cdot 31^{12} + 31^{13} + 22 \cdot 31^{14} + 22 \cdot 31^{15} + 10 \cdot 31^{16} + 8 \cdot 31^{17} + 26 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 4, 2, 2) = 10 \cdot 31^{10} + 19 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 24 \cdot 31^{14} + 24 \cdot 31^{15} + 19 \cdot 31^{16} + 26 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 4, 2, 1, 1) = 3 \cdot 31^{10} + 11 \cdot 31^{11} + 18 \cdot 31^{12} + 3 \cdot 31^{13} + 27 \cdot 31^{14} + 15 \cdot 31^{15} + 15 \cdot 31^{16} + 15 \cdot 31^{17} + 12 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 4, 1, 3) = 26 \cdot 31^{10} + 22 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 14 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 4, 1, 2, 1) = 15 \cdot 31^{10} + 19 \cdot 31^{11} + 11 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 6 \cdot 31^{17} + 2 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 4, 1, 1, 2) = 9 \cdot 31^{10} + 27 \cdot 31^{11} + 9 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 4, 1, 1, 1, 1) = 18 \cdot 31^{10} + 31^{11} + 28 \cdot 31^{12} + 8 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 5) = 25 \cdot 31^{10} + 7 \cdot 31^{11} + 14 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{14} + 3 \cdot 31^{15} + 22 \cdot 31^{16} + 19 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 4, 1) = 3 \cdot 31^{10} + 31^{11} + 5 \cdot 31^{12} + 5 \cdot 31^{13} + 27 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 25 \cdot 31^{17} + 27 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 3, 2) = 12 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 14 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 3, 1, 1) = 5 \cdot 31^{10} + 25 \cdot 31^{11} + 16 \cdot 31^{12} + 22 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 2, 3) = 5 \cdot 31^{10} + 13 \cdot 31^{11} + 19 \cdot 31^{12} + 31^{13} + 28 \cdot 31^{14} + 22 \cdot 31^{15} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 2, 2, 1) = 13 \cdot 31^{10} + 14 \cdot 31^{11} + 30 \cdot 31^{12} + 23 \cdot 31^{13} + 23 \cdot 31^{14} + 27 \cdot 31^{15} + 4 \cdot 31^{16} + 11 \cdot 31^{17} + 19 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 2, 1, 2) = 25 \cdot 31^{10} + 3 \cdot 31^{11} + 15 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 25 \cdot 31^{15} + 11 \cdot 31^{16} + 29 \cdot 31^{17} + 9 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 2, 1, 1, 1) = 31^{10} + 2 \cdot 31^{11} + 13 \cdot 31^{12} + 31^{13} + 6 \cdot 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 10 \cdot 31^{17} + 17 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 4) = 27 \cdot 31^{10} + 13 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 12 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 3, 1) = 21 \cdot 31^{10} + 21 \cdot 31^{11} + 29 \cdot 31^{12} + 17 \cdot 31^{13} + 11 \cdot 31^{14} + 3 \cdot 31^{15} + 13 \cdot 31^{16} + 4 \cdot 31^{17} + 11 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 2, 2) = 10 \cdot 31^{10} + 26 \cdot 31^{11} + 7 \cdot 31^{12} + 3 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 9 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 2, 1, 1) = 8 \cdot 31^{10} + 18 \cdot 31^{11} + 2 \cdot 31^{12} + 5 \cdot 31^{13} + 6 \cdot 31^{14} + 17 \cdot 31^{15} + 7 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 3) = 5 \cdot 31^{10} + 6 \cdot 31^{11} + 6 \cdot 31^{12} + 24 \cdot 31^{13} + 8 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 2, 1) = 18 \cdot 31^{10} + 30 \cdot 31^{11} + 24 \cdot 31^{12} + 24 \cdot 31^{13} + 12 \cdot 31^{14} + 7 \cdot 31^{15} + 8 \cdot 31^{16} + 9 \cdot 31^{17} + 30 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 2) = 28 \cdot 31^{10} + 13 \cdot 31^{11} + 30 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 1) = 27 \cdot 31^{10} + 14 \cdot 31^{11} + 24 \cdot 31^{12} + 23 \cdot 31^{13} + 21 \cdot 31^{14} + 19 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 6) = 2 \cdot 31^{10} + 6 \cdot 31^{11} + 24 \cdot 31^{12} + 20 \cdot 31^{13} + 25 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 5, 1) = 26 \cdot 31^{10} + 9 \cdot 31^{11} + 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 23 \cdot 31^{16} + 23 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 4, 2) = 20 \cdot 31^{10} + 27 \cdot 31^{11} + 21 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 26 \cdot 31^{15} + 19 \cdot 31^{16} + 19 \cdot 31^{17} + 27 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 4, 1, 1) = 26 \cdot 31^{10} + 12 \cdot 31^{11} + 14 \cdot 31^{12} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 11 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 3, 3) = 7 \cdot 31^{10} + 3 \cdot 31^{11} + 24 \cdot 31^{12} + 23 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 3, 2, 1) = 20 \cdot 31^{10} + 23 \cdot 31^{11} + 31^{12} + 6 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 18 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 3, 1, 2) = 11 \cdot 31^{10} + 7 \cdot 31^{11} + 18 \cdot 31^{12} + 14 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 3, 1, 1, 1) = 12 \cdot 31^{10} + 12 \cdot 31^{11} + 21 \cdot 31^{12} + 27 \cdot 31^{13} + 26 \cdot 31^{14} + 29 \cdot 31^{15} + 21 \cdot 31^{16} + 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 4) = 28 \cdot 31^{10} + 27 \cdot 31^{11} + 17 \cdot 31^{12} + 14 \cdot 31^{13} + 21 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 3, 1) = 5 \cdot 31^{10} + 27 \cdot 31^{11} + 12 \cdot 31^{12} + 30 \cdot 31^{14} + 21 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 2, 2) = O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 2, 1, 1) = 16 \cdot 31^{10} + 14 \cdot 31^{11} + 5 \cdot 31^{12} + 2 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 3) = 3 \cdot 31^{10} + 8 \cdot 31^{11} + 17 \cdot 31^{12} + 16 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 2, 1) = 4 \cdot 31^{10} + 26 \cdot 31^{11} + 29 \cdot 31^{12} + 30 \cdot 31^{13} + 31^{14} + 23 \cdot 31^{15} + 14 \cdot 31^{16} + 2 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 2) = 4 \cdot 31^{10} + 18 \cdot 31^{11} + 12 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 11 \cdot 31^{15} + 8 \cdot 31^{16} + 4 \cdot 31^{17} + 22 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 1) = 2 \cdot 31^{10} + 18 \cdot 31^{11} + 24 \cdot 31^{12} + 31^{13} + 9 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 6 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 5) = 11 \cdot 31^{10} + 23 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{14} + 23 \cdot 31^{15} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 4, 1) = 15 \cdot 31^{10} + 7 \cdot 31^{11} + 20 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 12 \cdot 31^{15} + 29 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 3, 2) = 15 \cdot 31^{10} + 5 \cdot 31^{11} + 20 \cdot 31^{12} + 14 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 3, 1, 1) = 2 \cdot 31^{10} + 23 \cdot 31^{11} + 19 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 9 \cdot 31^{15} + 20 \cdot 31^{16} + 19 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 3) = 21 \cdot 31^{10} + 3 \cdot 31^{11} + 19 \cdot 31^{12} + 17 \cdot 31^{13} + 26 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 2, 1) = 3 \cdot 31^{10} + 26 \cdot 31^{11} + 20 \cdot 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 2) = 25 \cdot 31^{10} + 25 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 1) = 29 \cdot 31^{10} + 27 \cdot 31^{11} + 23 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 16 \cdot 31^{15} + 10 \cdot 31^{16} + 12 \cdot 31^{17} + 29 \cdot 31^{18} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 4) = 21 \cdot 31^{10} + 11 \cdot 31^{11} + 18 \cdot 31^{12} + 10 \cdot 31^{13} + 13 \cdot 31^{14} + 26 \cdot 31^{15} + 16 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 3, 1) = 11 \cdot 31^{10} + 9 \cdot 31^{11} + 17 \cdot 31^{12} + 16 \cdot 31^{13} + 27 \cdot 31^{14} + 26 \cdot 31^{15} + 6 \cdot 31^{16} + 31^{17} + 8 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 2) = 10 \cdot 31^{10} + 19 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 24 \cdot 31^{14} + 24 \cdot 31^{15} + 19 \cdot 31^{16} + 26 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 1) = 29 \cdot 31^{10} + 16 \cdot 31^{11} + 8 \cdot 31^{12} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 28 \cdot 31^{16} + 8 \cdot 31^{17} + 14 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 3) = 2 \cdot 31^{10} + 23 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 12 \cdot 31^{14} + 29 \cdot 31^{15} + 28 \cdot 31^{16} + 12 \cdot 31^{17} + 23 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 1) = 21 \cdot 31^{10} + 21 \cdot 31^{11} + 16 \cdot 31^{12} + 2 \cdot 31^{13} + 22 \cdot 31^{14} + 15 \cdot 31^{15} + 31^{16} + 14 \cdot 31^{17} + 26 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 2) = 4 \cdot 31^{10} + 5 \cdot 31^{11} + 8 \cdot 31^{12} + 14 \cdot 31^{13} + 30 \cdot 31^{14} + 6 \cdot 31^{15} + 3 \cdot 31^{16} + 13 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 1) = 6 \cdot 31^{10} + 10 \cdot 31^{11} + 6 \cdot 31^{12} + 19 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 5 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 7) = 30 \cdot 31^{10} + 31^{11} + 15 \cdot 31^{12} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 25 \cdot 31^{16} + 16 \cdot 31^{17} + 29 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 6, 1) = 21 \cdot 31^{10} + 14 \cdot 31^{11} + 28 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 13 \cdot 31^{16} + 24 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 5, 2) = 17 \cdot 31^{10} + 14 \cdot 31^{11} + 8 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 19 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 28 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 5, 1, 1) = 30 \cdot 31^{10} + 11 \cdot 31^{11} + 23 \cdot 31^{12} + 2 \cdot 31^{13} + 20 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{17} + 30 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 4, 3) = 26 \cdot 31^{10} + 28 \cdot 31^{11} + 16 \cdot 31^{12} + 25 \cdot 31^{13} + 4 \cdot 31^{14} + 18 \cdot 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 4, 2, 1) = 5 \cdot 31^{10} + 24 \cdot 31^{11} + 7 \cdot 31^{12} + 13 \cdot 31^{13} + 10 \cdot 31^{14} + 2 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 2 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 4, 1, 2) = 6 \cdot 31^{10} + 16 \cdot 31^{11} + 13 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 18 \cdot 31^{15} + 5 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 4, 1, 1, 1) = 27 \cdot 31^{10} + 13 \cdot 31^{11} + 15 \cdot 31^{12} + 24 \cdot 31^{13} + 31^{14} + 15 \cdot 31^{15} + 11 \cdot 31^{16} + 31^{17} + 5 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 4) = 17 \cdot 31^{10} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 21 \cdot 31^{15} + 13 \cdot 31^{16} + 9 \cdot 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 3, 1) = 18 \cdot 31^{10} + 8 \cdot 31^{11} + 4 \cdot 31^{12} + 3 \cdot 31^{13} + 9 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 24 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 2, 2) = 15 \cdot 31^{10} + 5 \cdot 31^{11} + 20 \cdot 31^{12} + 14 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 2, 1, 1) = 22 \cdot 31^{10} + 27 \cdot 31^{11} + 10 \cdot 31^{12} + 15 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{16} + 5 \cdot 31^{17} + 18 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 3) = 28 \cdot 31^{10} + 13 \cdot 31^{11} + 6 \cdot 31^{12} + 23 \cdot 31^{13} + 16 \cdot 31^{14} + 22 \cdot 31^{15} + 16 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 2, 1) = 27 \cdot 31^{10} + 8 \cdot 31^{11} + 20 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 21 \cdot 31^{15} + 20 \cdot 31^{16} + 26 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 2) = 30 \cdot 31^{10} + 12 \cdot 31^{11} + 22 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 1) = 13 \cdot 31^{10} + 27 \cdot 31^{11} + 13 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 8 \cdot 31^{15} + 9 \cdot 31^{16} + 7 \cdot 31^{17} + 30 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 5) = 3 \cdot 31^{10} + 3 \cdot 31^{11} + 13 \cdot 31^{12} + 2 \cdot 31^{13} + 9 \cdot 31^{14} + 21 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 24 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 4, 1) = 15 \cdot 31^{10} + 19 \cdot 31^{11} + 10 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 18 \cdot 31^{15} + 14 \cdot 31^{16} + 22 \cdot 31^{17} + 23 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 3, 2) = O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 3, 1, 1) = 30 \cdot 31^{10} + 8 \cdot 31^{11} + 23 \cdot 31^{12} + 21 \cdot 31^{13} + 11 \cdot 31^{14} + 21 \cdot 31^{15} + 17 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 3) = 26 \cdot 31^{10} + 21 \cdot 31^{11} + 22 \cdot 31^{12} + 29 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 28 \cdot 31^{17} + 25 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 2, 1) = 27 \cdot 31^{11} + 10 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 24 \cdot 31^{15} + 31^{16} + 27 \cdot 31^{17} + 21 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 2) = 25 \cdot 31^{10} + 22 \cdot 31^{11} + 15 \cdot 31^{12} + 18 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 1) = 4 \cdot 31^{10} + 13 \cdot 31^{11} + 30 \cdot 31^{12} + 17 \cdot 31^{13} + 6 \cdot 31^{14} + 27 \cdot 31^{15} + 24 \cdot 31^{16} + 10 \cdot 31^{17} + 24 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 4) = 15 \cdot 31^{10} + 4 \cdot 31^{11} + 11 \cdot 31^{12} + 2 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 23 \cdot 31^{17} + 28 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 3, 1) = 3 \cdot 31^{10} + 13 \cdot 31^{11} + 24 \cdot 31^{12} + 11 \cdot 31^{13} + 10 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 2) = 12 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 14 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 1) = 28 \cdot 31^{10} + 4 \cdot 31^{11} + 11 \cdot 31^{12} + 16 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 3 \cdot 31^{16} + 27 \cdot 31^{17} + 7 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 3) = 24 \cdot 31^{11} + 2 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{14} + 29 \cdot 31^{15} + 14 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 1) = 17 \cdot 31^{10} + 4 \cdot 31^{11} + 22 \cdot 31^{12} + 17 \cdot 31^{13} + 6 \cdot 31^{14} + 4 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 9 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 2) = 23 \cdot 31^{10} + 20 \cdot 31^{11} + 18 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 22 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 1) = 14 \cdot 31^{10} + 8 \cdot 31^{11} + 12 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 17 \cdot 31^{15} + 25 \cdot 31^{16} + 9 \cdot 31^{17} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 6) = 15 \cdot 31^{10} + 9 \cdot 31^{11} + 11 \cdot 31^{12} + 9 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 7 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 5, 1) = 21 \cdot 31^{10} + 10 \cdot 31^{11} + 6 \cdot 31^{12} + 27 \cdot 31^{13} + 30 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 15 \cdot 31^{17} + 3 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 4, 2) = 4 \cdot 31^{10} + 16 \cdot 31^{11} + 11 \cdot 31^{12} + 10 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 9 \cdot 31^{17} + 13 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 4, 1, 1) = 21 \cdot 31^{10} + 30 \cdot 31^{11} + 18 \cdot 31^{12} + 25 \cdot 31^{13} + 17 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 3) = 9 \cdot 31^{10} + 22 \cdot 31^{11} + 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 22 \cdot 31^{17} + 17 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 2, 1) = 11 \cdot 31^{10} + 2 \cdot 31^{11} + 4 \cdot 31^{12} + 20 \cdot 31^{13} + 30 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 7 \cdot 31^{17} + 10 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 2) = 2 \cdot 31^{10} + 20 \cdot 31^{11} + 30 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 3 \cdot 31^{15} + 27 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 1) = 16 \cdot 31^{10} + 18 \cdot 31^{11} + 14 \cdot 31^{12} + 11 \cdot 31^{13} + 11 \cdot 31^{14} + 2 \cdot 31^{15} + 23 \cdot 31^{16} + 14 \cdot 31^{17} + 26 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 4) = 6 \cdot 31^{10} + 8 \cdot 31^{11} + 21 \cdot 31^{12} + 9 \cdot 31^{13} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 27 \cdot 31^{16} + 2 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 3, 1) = 7 \cdot 31^{10} + 18 \cdot 31^{11} + 17 \cdot 31^{12} + 21 \cdot 31^{13} + 23 \cdot 31^{14} + 29 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 2) = 20 \cdot 31^{10} + 27 \cdot 31^{11} + 21 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 26 \cdot 31^{15} + 19 \cdot 31^{16} + 19 \cdot 31^{17} + 27 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 1) = 28 \cdot 31^{10} + 18 \cdot 31^{11} + 15 \cdot 31^{12} + 20 \cdot 31^{13} + 5 \cdot 31^{14} + 23 \cdot 31^{15} + 19 \cdot 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 3) = 23 \cdot 31^{10} + 5 \cdot 31^{11} + 4 \cdot 31^{12} + 18 \cdot 31^{13} + 29 \cdot 31^{15} + 7 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 1) = 18 \cdot 31^{10} + 9 \cdot 31^{11} + 14 \cdot 31^{12} + 2 \cdot 31^{13} + 29 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 16 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 2) = 13 \cdot 31^{10} + 24 \cdot 31^{11} + 6 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{15} + 4 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 1) = 31^{10} + 25 \cdot 31^{11} + 21 \cdot 31^{12} + 8 \cdot 31^{13} + 16 \cdot 31^{14} + 2 \cdot 31^{15} + 22 \cdot 31^{16} + 20 \cdot 31^{17} + 25 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 5) = 14 \cdot 31^{10} + 27 \cdot 31^{11} + 22 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 22 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 4, 1) = 16 \cdot 31^{10} + 20 \cdot 31^{11} + 25 \cdot 31^{12} + 20 \cdot 31^{13} + 30 \cdot 31^{14} + 18 \cdot 31^{15} + 2 \cdot 31^{16} + 20 \cdot 31^{17} + 12 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 2) = 17 \cdot 31^{10} + 14 \cdot 31^{11} + 8 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 19 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 28 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 1) = 13 \cdot 31^{10} + 13 \cdot 31^{11} + 22 \cdot 31^{12} + 8 \cdot 31^{13} + 27 \cdot 31^{14} + 17 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 3) = 5 \cdot 31^{10} + 21 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 14 \cdot 31^{14} + 9 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 21 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 1) = 31^{10} + 5 \cdot 31^{11} + 23 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 11 \cdot 31^{15} + 20 \cdot 31^{16} + 31^{17} + 12 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 2) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 17 \cdot 31^{14} + 17 \cdot 31^{15} + 17 \cdot 31^{16} + 5 \cdot 31^{17} + 19 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 1) = 25 \cdot 31^{10} + 13 \cdot 31^{11} + 29 \cdot 31^{12} + 19 \cdot 31^{13} + 6 \cdot 31^{14} + 20 \cdot 31^{15} + 17 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 4) = 24 \cdot 31^{10} + 9 \cdot 31^{11} + 30 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 24 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 1) = 9 \cdot 31^{10} + 14 \cdot 31^{11} + 17 \cdot 31^{12} + 15 \cdot 31^{13} + 10 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 3 \cdot 31^{17} + 6 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 2) = 25 \cdot 31^{10} + 19 \cdot 31^{11} + 29 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 21 \cdot 31^{15} + 26 \cdot 31^{16} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 1) = 12 \cdot 31^{10} + 21 \cdot 31^{11} + 7 \cdot 31^{12} + 23 \cdot 31^{13} + 18 \cdot 31^{14} + 19 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 3) = 13 \cdot 31^{10} + 3 \cdot 31^{11} + 10 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 23 \cdot 31^{15} + 27 \cdot 31^{16} + 19 \cdot 31^{17} + 3 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 31^{10} + 10 \cdot 31^{11} + 6 \cdot 31^{12} + 19 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 5 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 2) = 21 \cdot 31^{10} + 27 \cdot 31^{11} + 16 \cdot 31^{12} + 10 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 22 \cdot 31^{16} + 23 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 9) = 27 \cdot 31^{10} + 11 \cdot 31^{11} + 6 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 6 \cdot 31^{17} + 21 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 8, 1) = 26 \cdot 31^{10} + 13 \cdot 31^{11} + 21 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 22 \cdot 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 7, 2) = 13 \cdot 31^{10} + 3 \cdot 31^{11} + 10 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 23 \cdot 31^{15} + 27 \cdot 31^{16} + 19 \cdot 31^{17} + 3 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 7, 1, 1) = 17 \cdot 31^{10} + 2 \cdot 31^{11} + 17 \cdot 31^{12} + 12 \cdot 31^{13} + 29 \cdot 31^{14} + 17 \cdot 31^{15} + 24 \cdot 31^{16} + 2 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 6, 3) = 6 \cdot 31^{10} + 19 \cdot 31^{11} + 23 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 5 \cdot 31^{16} + 13 \cdot 31^{17} + 24 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 6, 2, 1) = 11 \cdot 31^{10} + 10 \cdot 31^{11} + 29 \cdot 31^{12} + 16 \cdot 31^{13} + 22 \cdot 31^{14} + 12 \cdot 31^{15} + 25 \cdot 31^{16} + 3 \cdot 31^{17} + 7 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 6, 1, 2) = 21 \cdot 31^{10} + 20 \cdot 31^{11} + 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{14} + 18 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 2 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 6, 1, 1, 1) = 19 \cdot 31^{10} + 5 \cdot 31^{11} + 28 \cdot 31^{12} + 4 \cdot 31^{13} + 19 \cdot 31^{14} + 4 \cdot 31^{15} + 28 \cdot 31^{16} + 17 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 5, 4) = 23 \cdot 31^{10} + 7 \cdot 31^{11} + 30 \cdot 31^{12} + 6 \cdot 31^{13} + 19 \cdot 31^{14} + 26 \cdot 31^{15} + 14 \cdot 31^{16} + 17 \cdot 31^{17} + 4 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 5, 3, 1) = 21 \cdot 31^{10} + 21 \cdot 31^{11} + 3 \cdot 31^{12} + 15 \cdot 31^{13} + 13 \cdot 31^{14} + 4 \cdot 31^{15} + 28 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 5, 2, 2) = 2 \cdot 31^{10} + 23 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 12 \cdot 31^{14} + 29 \cdot 31^{15} + 28 \cdot 31^{16} + 12 \cdot 31^{17} + 23 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 5, 2, 1, 1) = 18 \cdot 31^{10} + 9 \cdot 31^{11} + 10 \cdot 31^{12} + 18 \cdot 31^{13} + 25 \cdot 31^{14} + 3 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 17 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 5, 1, 3) = 16 \cdot 31^{10} + 15 \cdot 31^{11} + 30 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 8 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 5, 1, 2, 1) = 5 \cdot 31^{10} + 21 \cdot 31^{11} + 28 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 5, 1, 1, 2) = 19 \cdot 31^{10} + 4 \cdot 31^{11} + 26 \cdot 31^{12} + 8 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 5, 1, 1, 1, 1) = 27 \cdot 31^{10} + 7 \cdot 31^{11} + 26 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 7 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 28 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 5) = 11 \cdot 31^{10} + 16 \cdot 31^{11} + 14 \cdot 31^{12} + 7 \cdot 31^{14} + 24 \cdot 31^{15} + 27 \cdot 31^{16} + 12 \cdot 31^{17} + 13 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 4, 1) = 20 \cdot 31^{10} + 19 \cdot 31^{11} + 12 \cdot 31^{12} + 10 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 29 \cdot 31^{16} + 9 \cdot 31^{17} + 13 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 3, 2) = 24 \cdot 31^{11} + 2 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{14} + 29 \cdot 31^{15} + 14 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 3, 1, 1) = 20 \cdot 31^{10} + 7 \cdot 31^{11} + 9 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 19 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 2, 3) = 31^{10} + 24 \cdot 31^{11} + 19 \cdot 31^{12} + 14 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 6 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 2, 2, 1) = 8 \cdot 31^{10} + 5 \cdot 31^{11} + 5 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 5 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 2, 1, 2) = 25 \cdot 31^{10} + 29 \cdot 31^{11} + 22 \cdot 31^{12} + 27 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 24 \cdot 31^{16} + 16 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 2, 1, 1, 1) = 19 \cdot 31^{10} + 17 \cdot 31^{11} + 27 \cdot 31^{12} + 3 \cdot 31^{13} + 6 \cdot 31^{14} + 23 \cdot 31^{15} + 18 \cdot 31^{16} + 16 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 4) = 16 \cdot 31^{10} + 26 \cdot 31^{11} + 4 \cdot 31^{12} + 18 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 18 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 3, 1) = 12 \cdot 31^{10} + 9 \cdot 31^{11} + 2 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 12 \cdot 31^{15} + 6 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 2, 2) = 5 \cdot 31^{10} + 6 \cdot 31^{11} + 6 \cdot 31^{12} + 24 \cdot 31^{13} + 8 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 2, 1, 1) = 9 \cdot 31^{10} + 13 \cdot 31^{11} + 9 \cdot 31^{12} + 19 \cdot 31^{13} + 19 \cdot 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 16 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 3) = 15 \cdot 31^{10} + 11 \cdot 31^{11} + 20 \cdot 31^{12} + 8 \cdot 31^{13} + 16 \cdot 31^{14} + 15 \cdot 31^{15} + 4 \cdot 31^{17} + 23 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 2, 1) = 16 \cdot 31^{10} + 30 \cdot 31^{11} + 15 \cdot 31^{12} + 30 \cdot 31^{13} + 20 \cdot 31^{14} + 26 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 8 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 2) = 13 \cdot 31^{10} + 24 \cdot 31^{11} + 11 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{14} + 30 \cdot 31^{15} + 18 \cdot 31^{16} + 3 \cdot 31^{17} + 14 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 1) = 29 \cdot 31^{10} + 15 \cdot 31^{11} + 28 \cdot 31^{12} + 31^{13} + 7 \cdot 31^{14} + 18 \cdot 31^{15} + 13 \cdot 31^{16} + 14 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 6) = 6 \cdot 31^{10} + 21 \cdot 31^{11} + 29 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 5, 1) = 21 \cdot 31^{10} + 16 \cdot 31^{11} + 31^{12} + 9 \cdot 31^{13} + 18 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 29 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 4, 2) = 23 \cdot 31^{10} + 5 \cdot 31^{11} + 4 \cdot 31^{12} + 18 \cdot 31^{13} + 29 \cdot 31^{15} + 7 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 4, 1, 1) = 6 \cdot 31^{10} + 5 \cdot 31^{11} + 23 \cdot 31^{12} + 8 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 26 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 3, 3) = 26 \cdot 31^{10} + 4 \cdot 31^{11} + 24 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 3, 2, 1) = 9 \cdot 31^{10} + 25 \cdot 31^{11} + 29 \cdot 31^{12} + 20 \cdot 31^{13} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 3, 1, 2) = 8 \cdot 31^{10} + 29 \cdot 31^{11} + 3 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 15 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 3, 1, 1, 1) = 22 \cdot 31^{10} + 28 \cdot 31^{11} + 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 18 \cdot 31^{15} + 10 \cdot 31^{16} + 13 \cdot 31^{17} + 4 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 4) = 29 \cdot 31^{10} + 4 \cdot 31^{11} + 5 \cdot 31^{12} + 13 \cdot 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{15} + 27 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 3, 1) = 9 \cdot 31^{10} + 21 \cdot 31^{11} + 22 \cdot 31^{12} + 26 \cdot 31^{13} + 12 \cdot 31^{14} + 13 \cdot 31^{15} + 18 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 2, 2) = 3 \cdot 31^{10} + 8 \cdot 31^{11} + 17 \cdot 31^{12} + 16 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 2, 1, 1) = 21 \cdot 31^{10} + 22 \cdot 31^{11} + 25 \cdot 31^{12} + 18 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 16 \cdot 31^{16} + 6 \cdot 31^{17} + 13 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 3) = 18 \cdot 31^{10} + 12 \cdot 31^{11} + 11 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 5 \cdot 31^{15} + 23 \cdot 31^{16} + 4 \cdot 31^{17} + 17 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 2, 1) = 31^{10} + 21 \cdot 31^{11} + 10 \cdot 31^{12} + 14 \cdot 31^{13} + 5 \cdot 31^{14} + 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 2) = 4 \cdot 31^{10} + 10 \cdot 31^{11} + 27 \cdot 31^{12} + 27 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 1) = 2 \cdot 31^{10} + 8 \cdot 31^{11} + 5 \cdot 31^{12} + 3 \cdot 31^{13} + 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 5) = 7 \cdot 31^{10} + 26 \cdot 31^{11} + 20 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 22 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 4, 1) = 4 \cdot 31^{10} + 22 \cdot 31^{11} + 23 \cdot 31^{12} + 13 \cdot 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 11 \cdot 31^{16} + 26 \cdot 31^{17} + 29 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 3, 2) = 28 \cdot 31^{10} + 13 \cdot 31^{11} + 6 \cdot 31^{12} + 23 \cdot 31^{13} + 16 \cdot 31^{14} + 22 \cdot 31^{15} + 16 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 3, 1, 1) = 17 \cdot 31^{10} + 6 \cdot 31^{11} + 4 \cdot 31^{12} + 11 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 29 \cdot 31^{16} + 27 \cdot 31^{17} + 14 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 3) = 25 \cdot 31^{10} + 10 \cdot 31^{11} + 3 \cdot 31^{12} + 30 \cdot 31^{13} + 8 \cdot 31^{14} + 21 \cdot 31^{15} + 2 \cdot 31^{16} + 14 \cdot 31^{17} + 13 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 2, 1) = 27 \cdot 31^{10} + 26 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 2) = 13 \cdot 31^{10} + 15 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 1) = 27 \cdot 31^{10} + 19 \cdot 31^{11} + 8 \cdot 31^{12} + 5 \cdot 31^{13} + 28 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 4) = 27 \cdot 31^{10} + 16 \cdot 31^{11} + 23 \cdot 31^{12} + 10 \cdot 31^{13} + 19 \cdot 31^{14} + 25 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 20 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 3, 1) = 16 \cdot 31^{10} + 28 \cdot 31^{11} + 19 \cdot 31^{12} + 30 \cdot 31^{13} + 30 \cdot 31^{14} + 2 \cdot 31^{15} + 6 \cdot 31^{16} + 19 \cdot 31^{17} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 2) = 26 \cdot 31^{10} + 22 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 14 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 1) = 18 \cdot 31^{10} + 27 \cdot 31^{11} + 15 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 3 \cdot 31^{15} + 24 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 3) = 16 \cdot 31^{10} + 15 \cdot 31^{11} + 30 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 8 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 1) = 3 \cdot 31^{10} + 31^{11} + 14 \cdot 31^{12} + 24 \cdot 31^{13} + 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 5 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 2) = 22 \cdot 31^{10} + 18 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 24 \cdot 31^{14} + 31^{15} + 16 \cdot 31^{16} + 10 \cdot 31^{17} + 28 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 1) = 12 \cdot 31^{10} + 7 \cdot 31^{11} + 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 7) = 25 \cdot 31^{10} + 23 \cdot 31^{11} + 10 \cdot 31^{12} + 21 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 6, 1) = 31^{10} + 9 \cdot 31^{11} + 5 \cdot 31^{12} + 5 \cdot 31^{13} + 4 \cdot 31^{14} + 4 \cdot 31^{15} + 11 \cdot 31^{16} + 13 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 5, 2) = 5 \cdot 31^{10} + 21 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 14 \cdot 31^{14} + 9 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 21 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 5, 1, 1) = 6 \cdot 31^{10} + 29 \cdot 31^{11} + 5 \cdot 31^{12} + 8 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 10 \cdot 31^{16} + 13 \cdot 31^{17} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 4, 3) = 22 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 20 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 4, 2, 1) = 7 \cdot 31^{10} + 19 \cdot 31^{11} + 23 \cdot 31^{12} + 18 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{16} + 16 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 4, 1, 2) = 17 \cdot 31^{10} + 20 \cdot 31^{11} + 26 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 2 \cdot 31^{15} + 30 \cdot 31^{16} + 29 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 4, 1, 1, 1) = 8 \cdot 31^{10} + 22 \cdot 31^{11} + 19 \cdot 31^{12} + 20 \cdot 31^{13} + 12 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 4) = 5 \cdot 31^{11} + 18 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 3, 1) = 9 \cdot 31^{10} + 31^{11} + 5 \cdot 31^{12} + 6 \cdot 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 8 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 2, 2) = 21 \cdot 31^{10} + 3 \cdot 31^{11} + 19 \cdot 31^{12} + 17 \cdot 31^{13} + 26 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 2, 1, 1) = 7 \cdot 31^{10} + 21 \cdot 31^{11} + 10 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 14 \cdot 31^{16} + 14 \cdot 31^{17} + 21 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 3) = 25 \cdot 31^{10} + 10 \cdot 31^{11} + 3 \cdot 31^{12} + 30 \cdot 31^{13} + 8 \cdot 31^{14} + 21 \cdot 31^{15} + 2 \cdot 31^{16} + 14 \cdot 31^{17} + 13 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 2, 1) = 29 \cdot 31^{10} + 6 \cdot 31^{11} + 2 \cdot 31^{12} + 23 \cdot 31^{13} + 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 2) = 27 \cdot 31^{10} + 27 \cdot 31^{11} + 21 \cdot 31^{12} + 30 \cdot 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{16} + 22 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 1) = 27 \cdot 31^{10} + 3 \cdot 31^{11} + 21 \cdot 31^{12} + 30 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 10 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 5) = 23 \cdot 31^{10} + 16 \cdot 31^{11} + 13 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{15} + 11 \cdot 31^{16} + 4 \cdot 31^{17} + 18 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 4, 1) = 9 \cdot 31^{10} + 12 \cdot 31^{11} + 9 \cdot 31^{12} + 18 \cdot 31^{13} + 8 \cdot 31^{14} + 9 \cdot 31^{15} + 23 \cdot 31^{16} + 24 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 3, 2) = 26 \cdot 31^{10} + 21 \cdot 31^{11} + 22 \cdot 31^{12} + 29 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 28 \cdot 31^{17} + 25 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 3, 1, 1) = 4 \cdot 31^{10} + 4 \cdot 31^{11} + 15 \cdot 31^{12} + 24 \cdot 31^{13} + 29 \cdot 31^{14} + 6 \cdot 31^{15} + 15 \cdot 31^{16} + 26 \cdot 31^{17} + 25 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 3) = 25 \cdot 31^{10} + 14 \cdot 31^{11} + 27 \cdot 31^{12} + 28 \cdot 31^{13} + 11 \cdot 31^{14} + 10 \cdot 31^{15} + 30 \cdot 31^{16} + 20 \cdot 31^{17} + 29 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 2, 1) = 8 \cdot 31^{10} + 30 \cdot 31^{11} + 25 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 15 \cdot 31^{16} + 13 \cdot 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 2) = 4 \cdot 31^{10} + 4 \cdot 31^{11} + 25 \cdot 31^{12} + 21 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 1) = 25 \cdot 31^{10} + 15 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 4) = 21 \cdot 31^{10} + 9 \cdot 31^{12} + 6 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{15} + 18 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 3, 1) = 8 \cdot 31^{10} + 14 \cdot 31^{11} + 12 \cdot 31^{12} + 23 \cdot 31^{13} + 29 \cdot 31^{14} + 25 \cdot 31^{15} + 22 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 2) = 5 \cdot 31^{10} + 13 \cdot 31^{11} + 19 \cdot 31^{12} + 31^{13} + 28 \cdot 31^{14} + 22 \cdot 31^{15} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 1) = 9 \cdot 31^{10} + 5 \cdot 31^{11} + 2 \cdot 31^{12} + 5 \cdot 31^{13} + 27 \cdot 31^{14} + 28 \cdot 31^{15} + 15 \cdot 31^{16} + 18 \cdot 31^{17} + 19 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 3) = 31^{10} + 24 \cdot 31^{11} + 19 \cdot 31^{12} + 14 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 6 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 1) = 5 \cdot 31^{10} + 28 \cdot 31^{11} + 28 \cdot 31^{12} + 3 \cdot 31^{13} + 8 \cdot 31^{14} + 17 \cdot 31^{15} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 2) = 3 \cdot 31^{10} + 2 \cdot 31^{11} + 30 \cdot 31^{12} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 13 \cdot 31^{17} + 21 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 1) = 30 \cdot 31^{10} + 22 \cdot 31^{11} + 30 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 14 \cdot 31^{15} + 20 \cdot 31^{16} + 11 \cdot 31^{17} + 6 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 6) = 13 \cdot 31^{10} + 31^{11} + 5 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 24 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 5, 1) = 28 \cdot 31^{10} + 7 \cdot 31^{11} + 2 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 28 \cdot 31^{15} + 6 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 4, 2) = 9 \cdot 31^{10} + 22 \cdot 31^{11} + 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 22 \cdot 31^{17} + 17 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 4, 1, 1) = 26 \cdot 31^{10} + 7 \cdot 31^{11} + 24 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{14} + 23 \cdot 31^{15} + 6 \cdot 31^{16} + 22 \cdot 31^{17} + 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 3) = 22 \cdot 31^{10} + 27 \cdot 31^{11} + 13 \cdot 31^{12} + 12 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 9 \cdot 31^{16} + 13 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 2, 1) = 12 \cdot 31^{10} + 8 \cdot 31^{11} + 19 \cdot 31^{12} + 11 \cdot 31^{13} + 14 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 20 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 2) = 19 \cdot 31^{10} + 27 \cdot 31^{11} + 10 \cdot 31^{12} + 23 \cdot 31^{13} + 21 \cdot 31^{14} + 10 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 6 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 1) = 10 \cdot 31^{10} + 19 \cdot 31^{11} + 12 \cdot 31^{12} + 16 \cdot 31^{13} + 4 \cdot 31^{14} + 12 \cdot 31^{15} + 27 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 4) = 2 \cdot 31^{10} + 9 \cdot 31^{11} + 2 \cdot 31^{12} + 16 \cdot 31^{13} + 16 \cdot 31^{14} + 21 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 3, 1) = 3 \cdot 31^{10} + 30 \cdot 31^{11} + 28 \cdot 31^{12} + 18 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 9 \cdot 31^{16} + 6 \cdot 31^{17} + 12 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 2) = 7 \cdot 31^{10} + 3 \cdot 31^{11} + 24 \cdot 31^{12} + 23 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 1) = 17 \cdot 31^{10} + 24 \cdot 31^{11} + 12 \cdot 31^{12} + 3 \cdot 31^{13} + 3 \cdot 31^{14} + 7 \cdot 31^{15} + 7 \cdot 31^{16} + 13 \cdot 31^{17} + 17 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 3) = 26 \cdot 31^{10} + 4 \cdot 31^{11} + 24 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 1) = 28 \cdot 31^{10} + 4 \cdot 31^{11} + 27 \cdot 31^{12} + 30 \cdot 31^{13} + 29 \cdot 31^{14} + 5 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 2) = 19 \cdot 31^{10} + 12 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 4 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{16} + 10 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 1) = 10 \cdot 31^{10} + 3 \cdot 31^{11} + 14 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 13 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 5) = 14 \cdot 31^{10} + 9 \cdot 31^{11} + 11 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 4, 1) = 11 \cdot 31^{11} + 27 \cdot 31^{12} + 4 \cdot 31^{13} + 2 \cdot 31^{14} + 16 \cdot 31^{15} + 29 \cdot 31^{16} + 10 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 2) = 26 \cdot 31^{10} + 28 \cdot 31^{11} + 16 \cdot 31^{12} + 25 \cdot 31^{13} + 4 \cdot 31^{14} + 18 \cdot 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 1) = 29 \cdot 31^{10} + 28 \cdot 31^{11} + 2 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 17 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 3) = 22 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 20 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 1) = 14 \cdot 31^{10} + 23 \cdot 31^{11} + 16 \cdot 31^{12} + 28 \cdot 31^{13} + 8 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 2) = 18 \cdot 31^{10} + 20 \cdot 31^{11} + 15 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 23 \cdot 31^{15} + 8 \cdot 31^{16} + 21 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 1) = 10 \cdot 31^{10} + 15 \cdot 31^{11} + 21 \cdot 31^{12} + 4 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 13 \cdot 31^{16} + 30 \cdot 31^{17} + 13 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 4) = 14 \cdot 31^{10} + 9 \cdot 31^{11} + 29 \cdot 31^{12} + 24 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 26 \cdot 31^{16} + 3 \cdot 31^{17} + 21 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 1) = 26 \cdot 31^{10} + 25 \cdot 31^{11} + 30 \cdot 31^{12} + 3 \cdot 31^{13} + 27 \cdot 31^{14} + 2 \cdot 31^{15} + 9 \cdot 31^{16} + 11 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 2) = 30 \cdot 31^{10} + 9 \cdot 31^{11} + 8 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 11 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 1) = 10 \cdot 31^{10} + 3 \cdot 31^{11} + 14 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 13 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 3) = 6 \cdot 31^{10} + 19 \cdot 31^{11} + 23 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 5 \cdot 31^{16} + 13 \cdot 31^{17} + 24 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 1) = 31^{10} + 10 \cdot 31^{11} + 4 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 2) = 31^{10} + 22 \cdot 31^{11} + 30 \cdot 31^{12} + 30 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 8) = 15 \cdot 31^{10} + 16 \cdot 31^{11} + 25 \cdot 31^{12} + 28 \cdot 31^{13} + 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 7, 1) = 26 \cdot 31^{10} + 13 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 4 \cdot 31^{16} + 14 \cdot 31^{17} + 23 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 6, 2) = 24 \cdot 31^{10} + 9 \cdot 31^{11} + 30 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 24 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 6, 1, 1) = 16 \cdot 31^{10} + 18 \cdot 31^{11} + 17 \cdot 31^{12} + 30 \cdot 31^{13} + 8 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{17} + 18 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 5, 3) = 14 \cdot 31^{10} + 9 \cdot 31^{11} + 29 \cdot 31^{12} + 24 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 26 \cdot 31^{16} + 3 \cdot 31^{17} + 21 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 5, 2, 1) = 18 \cdot 31^{10} + 14 \cdot 31^{11} + 16 \cdot 31^{12} + 29 \cdot 31^{13} + 5 \cdot 31^{14} + 6 \cdot 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 5, 1, 2) = 4 \cdot 31^{10} + 3 \cdot 31^{11} + 29 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 18 \cdot 31^{15} + 29 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 5, 1, 1, 1) = 20 \cdot 31^{10} + 28 \cdot 31^{11} + 20 \cdot 31^{12} + 12 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 14 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 4) = 14 \cdot 31^{10} + 18 \cdot 31^{11} + 18 \cdot 31^{12} + 9 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 4 \cdot 31^{17} + 3 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 3, 1) = 31^{10} + 2 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 28 \cdot 31^{16} + 18 \cdot 31^{17} + 11 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 2, 2) = 21 \cdot 31^{10} + 11 \cdot 31^{11} + 18 \cdot 31^{12} + 10 \cdot 31^{13} + 13 \cdot 31^{14} + 26 \cdot 31^{15} + 16 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 2, 1, 1) = 7 \cdot 31^{10} + 16 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 31^{16} + 29 \cdot 31^{17} + 3 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 3) = 27 \cdot 31^{10} + 16 \cdot 31^{11} + 23 \cdot 31^{12} + 10 \cdot 31^{13} + 19 \cdot 31^{14} + 25 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 20 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 2, 1) = 30 \cdot 31^{10} + 2 \cdot 31^{11} + 25 \cdot 31^{12} + 26 \cdot 31^{13} + 25 \cdot 31^{14} + 7 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 2) = 29 \cdot 31^{10} + 16 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 14 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 1) = 4 \cdot 31^{10} + 21 \cdot 31^{11} + 5 \cdot 31^{12} + 6 \cdot 31^{13} + 29 \cdot 31^{14} + 21 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 5) = 27 \cdot 31^{10} + 17 \cdot 31^{11} + 21 \cdot 31^{12} + 18 \cdot 31^{13} + 29 \cdot 31^{14} + 27 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 4, 1) = 5 \cdot 31^{10} + 24 \cdot 31^{11} + 30 \cdot 31^{12} + 24 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 3, 2) = 15 \cdot 31^{10} + 4 \cdot 31^{11} + 11 \cdot 31^{12} + 2 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 23 \cdot 31^{17} + 28 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 3, 1, 1) = 10 \cdot 31^{10} + 30 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 27 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 3) = 21 \cdot 31^{10} + 9 \cdot 31^{12} + 6 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{15} + 18 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 2, 1) = 6 \cdot 31^{10} + 22 \cdot 31^{11} + 11 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 19 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 2) = 27 \cdot 31^{10} + 22 \cdot 31^{11} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 11 \cdot 31^{15} + 5 \cdot 31^{16} + 16 \cdot 31^{17} + 10 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 1) = 2 \cdot 31^{10} + 12 \cdot 31^{11} + 11 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 26 \cdot 31^{15} + 28 \cdot 31^{16} + 8 \cdot 31^{17} + 14 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 4) = 9 \cdot 31^{10} + 29 \cdot 31^{11} + 13 \cdot 31^{12} + 16 \cdot 31^{13} + 18 \cdot 31^{14} + 28 \cdot 31^{15} + 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 3, 1) = 23 \cdot 31^{10} + 13 \cdot 31^{11} + 26 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 26 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 2) = 27 \cdot 31^{10} + 13 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 12 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 1) = 14 \cdot 31^{10} + 2 \cdot 31^{11} + 16 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 3 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 3) = 16 \cdot 31^{10} + 26 \cdot 31^{11} + 4 \cdot 31^{12} + 18 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 18 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 2) = 3 \cdot 31^{10} + 12 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 2) = 13 \cdot 31^{10} + 19 \cdot 31^{11} + 31^{12} + 2 \cdot 31^{13} + 28 \cdot 31^{14} + 25 \cdot 31^{15} + 11 \cdot 31^{16} + 11 \cdot 31^{17} + 26 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1) = 28 \cdot 31^{10} + 18 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{13} + 6 \cdot 31^{14} + 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 6) = 23 \cdot 31^{10} + 15 \cdot 31^{11} + 24 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 27 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 5, 1) = 16 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{13} + 12 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 26 \cdot 31^{17} + 5 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 4, 2) = 6 \cdot 31^{10} + 8 \cdot 31^{11} + 21 \cdot 31^{12} + 9 \cdot 31^{13} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 27 \cdot 31^{16} + 2 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 4, 1, 1) = 2 \cdot 31^{10} + 26 \cdot 31^{11} + 27 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 19 \cdot 31^{16} + 7 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 3) = 2 \cdot 31^{10} + 9 \cdot 31^{11} + 2 \cdot 31^{12} + 16 \cdot 31^{13} + 16 \cdot 31^{14} + 21 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 2, 1) = 17 \cdot 31^{10} + 27 \cdot 31^{11} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 20 \cdot 31^{15} + 27 \cdot 31^{17} + 14 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 2) = 31^{10} + 12 \cdot 31^{11} + 13 \cdot 31^{12} + 21 \cdot 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 9 \cdot 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 1) = 11 \cdot 31^{10} + 28 \cdot 31^{11} + 28 \cdot 31^{12} + 24 \cdot 31^{13} + 9 \cdot 31^{14} + 18 \cdot 31^{15} + 20 \cdot 31^{16} + 19 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 4) = 6 \cdot 31^{10} + 8 \cdot 31^{11} + 24 \cdot 31^{12} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 14 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 3, 1) = 8 \cdot 31^{10} + 9 \cdot 31^{11} + 5 \cdot 31^{12} + 22 \cdot 31^{13} + 3 \cdot 31^{14} + 2 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 26 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 2) = 28 \cdot 31^{10} + 27 \cdot 31^{11} + 17 \cdot 31^{12} + 14 \cdot 31^{13} + 21 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 1) = 30 \cdot 31^{10} + 15 \cdot 31^{11} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 3) = 29 \cdot 31^{10} + 4 \cdot 31^{11} + 5 \cdot 31^{12} + 13 \cdot 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{15} + 27 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 1) = 22 \cdot 31^{10} + 16 \cdot 31^{11} + 13 \cdot 31^{12} + 13 \cdot 31^{13} + 5 \cdot 31^{14} + 11 \cdot 31^{15} + 18 \cdot 31^{16} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 2) = 23 \cdot 31^{10} + 20 \cdot 31^{11} + 30 \cdot 31^{12} + 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 2 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1) = 26 \cdot 31^{10} + 22 \cdot 31^{12} + 18 \cdot 31^{13} + 27 \cdot 31^{14} + 17 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 25 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 5) = 7 \cdot 31^{10} + 30 \cdot 31^{11} + 12 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 22 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 4, 1) = 19 \cdot 31^{10} + 22 \cdot 31^{11} + 12 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 10 \cdot 31^{15} + 6 \cdot 31^{16} + 27 \cdot 31^{17} + 15 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 2) = 17 \cdot 31^{10} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 21 \cdot 31^{15} + 13 \cdot 31^{16} + 9 \cdot 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 1) = 7 \cdot 31^{10} + 26 \cdot 31^{11} + 17 \cdot 31^{13} + 27 \cdot 31^{14} + 20 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 3) = 5 \cdot 31^{11} + 18 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 1) = 18 \cdot 31^{10} + 8 \cdot 31^{11} + 8 \cdot 31^{12} + 23 \cdot 31^{15} + 7 \cdot 31^{16} + 19 \cdot 31^{17} + 14 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 2) = 26 \cdot 31^{10} + 16 \cdot 31^{11} + 23 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 21 \cdot 31^{15} + 3 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1) = 18 \cdot 31^{10} + 21 \cdot 31^{11} + 21 \cdot 31^{12} + 19 \cdot 31^{13} + 28 \cdot 31^{14} + 16 \cdot 31^{15} + 12 \cdot 31^{16} + 2 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 4) = 14 \cdot 31^{10} + 18 \cdot 31^{11} + 18 \cdot 31^{12} + 9 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 4 \cdot 31^{17} + 3 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 1) = 24 \cdot 31^{10} + 10 \cdot 31^{11} + 13 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 11 \cdot 31^{17} + 15 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 2) = 26 \cdot 31^{10} + 16 \cdot 31^{11} + 24 \cdot 31^{12} + 6 \cdot 31^{13} + 29 \cdot 31^{14} + 3 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 1) = 18 \cdot 31^{10} + 21 \cdot 31^{11} + 21 \cdot 31^{12} + 19 \cdot 31^{13} + 28 \cdot 31^{14} + 16 \cdot 31^{15} + 12 \cdot 31^{16} + 2 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 3) = 23 \cdot 31^{10} + 7 \cdot 31^{11} + 30 \cdot 31^{12} + 6 \cdot 31^{13} + 19 \cdot 31^{14} + 26 \cdot 31^{15} + 14 \cdot 31^{16} + 17 \cdot 31^{17} + 4 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 1) = 2 \cdot 31^{10} + 12 \cdot 31^{11} + 14 \cdot 31^{12} + 7 \cdot 31^{13} + 6 \cdot 31^{14} + 4 \cdot 31^{16} + 7 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 2) = 8 \cdot 31^{10} + 4 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 9 \cdot 31^{15} + 6 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 7) = 30 \cdot 31^{10} + 31^{11} + 20 \cdot 31^{12} + 26 \cdot 31^{13} + 3 \cdot 31^{14} + 22 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 6, 1) = 17 \cdot 31^{10} + 23 \cdot 31^{11} + 24 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 5, 2) = 14 \cdot 31^{10} + 27 \cdot 31^{11} + 22 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 22 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 5, 1, 1) = 19 \cdot 31^{10} + 18 \cdot 31^{11} + 29 \cdot 31^{12} + 16 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 4, 3) = 14 \cdot 31^{10} + 9 \cdot 31^{11} + 11 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 4, 2, 1) = 30 \cdot 31^{10} + 16 \cdot 31^{11} + 30 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 31^{15} + 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 4, 1, 2) = 18 \cdot 31^{10} + 16 \cdot 31^{11} + 10 \cdot 31^{12} + 26 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 4, 1, 1, 1) = 16 \cdot 31^{10} + 7 \cdot 31^{11} + 15 \cdot 31^{12} + 6 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 26 \cdot 31^{16} + 7 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 4) = 7 \cdot 31^{10} + 30 \cdot 31^{11} + 12 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 22 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 3, 1) = 11 \cdot 31^{10} + 24 \cdot 31^{11} + 9 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 5 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 2) = 11 \cdot 31^{10} + 23 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{14} + 23 \cdot 31^{15} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 1) = 15 \cdot 31^{10} + 24 \cdot 31^{11} + 29 \cdot 31^{12} + 6 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 31^{17} + 17 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 3) = 7 \cdot 31^{10} + 26 \cdot 31^{11} + 20 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 22 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 1) = 24 \cdot 31^{10} + 8 \cdot 31^{11} + 2 \cdot 31^{12} + 21 \cdot 31^{13} + 11 \cdot 31^{15} + 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 2) = 27 \cdot 31^{10} + 18 \cdot 31^{11} + 5 \cdot 31^{12} + 13 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 1) = 5 \cdot 31^{10} + 7 \cdot 31^{11} + 5 \cdot 31^{12} + 3 \cdot 31^{13} + 23 \cdot 31^{14} + 10 \cdot 31^{15} + 14 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 5) = 24 \cdot 31^{10} + 28 \cdot 31^{11} + 11 \cdot 31^{12} + 7 \cdot 31^{13} + 20 \cdot 31^{14} + 22 \cdot 31^{15} + 4 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 4, 1) = 22 \cdot 31^{10} + 20 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 17 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 3 \cdot 31^{17} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 2) = 3 \cdot 31^{10} + 3 \cdot 31^{11} + 13 \cdot 31^{12} + 2 \cdot 31^{13} + 9 \cdot 31^{14} + 21 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 24 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 1) = 4 \cdot 31^{10} + 8 \cdot 31^{11} + 24 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{16} + 7 \cdot 31^{17} + 3 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 3) = 23 \cdot 31^{10} + 16 \cdot 31^{11} + 13 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{15} + 11 \cdot 31^{16} + 4 \cdot 31^{17} + 18 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 1) = 27 \cdot 31^{10} + 25 \cdot 31^{11} + 19 \cdot 31^{12} + 30 \cdot 31^{13} + 13 \cdot 31^{14} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 2) = 3 \cdot 31^{10} + 26 \cdot 31^{11} + 23 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 10 \cdot 31^{15} + 30 \cdot 31^{16} + 20 \cdot 31^{17} + 24 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 1) = 27 \cdot 31^{10} + 3 \cdot 31^{11} + 29 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 20 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 6 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 4) = 27 \cdot 31^{10} + 17 \cdot 31^{11} + 21 \cdot 31^{12} + 18 \cdot 31^{13} + 29 \cdot 31^{14} + 27 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 1) = 5 \cdot 31^{10} + 23 \cdot 31^{11} + 10 \cdot 31^{12} + 3 \cdot 31^{13} + 17 \cdot 31^{14} + 7 \cdot 31^{15} + 9 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 2) = 25 \cdot 31^{10} + 7 \cdot 31^{11} + 14 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{14} + 3 \cdot 31^{15} + 22 \cdot 31^{16} + 19 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 31^{10} + 14 \cdot 31^{11} + 29 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 21 \cdot 31^{15} + 27 \cdot 31^{16} + 11 \cdot 31^{17} + 4 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 3) = 11 \cdot 31^{10} + 16 \cdot 31^{11} + 14 \cdot 31^{12} + 7 \cdot 31^{14} + 24 \cdot 31^{15} + 27 \cdot 31^{16} + 12 \cdot 31^{17} + 13 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 1) = 20 \cdot 31^{10} + 23 \cdot 31^{11} + 5 \cdot 31^{12} + 29 \cdot 31^{13} + 25 \cdot 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 10 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 2) = 5 \cdot 31^{10} + 7 \cdot 31^{11} + 5 \cdot 31^{12} + 3 \cdot 31^{13} + 23 \cdot 31^{14} + 10 \cdot 31^{15} + 14 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
&\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 6) = 22 \cdot 31^{10} + 25 \cdot 31^{11} + 31^{12} + 10 \cdot 31^{13} + 20 \cdot 31^{14} + 27 \cdot 31^{15} + 27 \cdot 31^{16} + 6 \cdot 31^{17} + 26 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 5, 1) = 17 \cdot 31^{10} + 23 \cdot 31^{11} + 24 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 2) = 15 \cdot 31^{10} + 9 \cdot 31^{11} + 11 \cdot 31^{12} + 9 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 7 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 1) = 30 \cdot 31^{10} + 19 \cdot 31^{11} + 29 \cdot 31^{12} + 28 \cdot 31^{13} + 22 \cdot 31^{14} + 18 \cdot 31^{15} + 15 \cdot 31^{16} + 24 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 3) = 13 \cdot 31^{10} + 31^{11} + 5 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 24 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 1) = 10 \cdot 31^{10} + 6 \cdot 31^{11} + 14 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 30 \cdot 31^{15} + 28 \cdot 31^{16} + 6 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 2) = 28 \cdot 31^{10} + 18 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{13} + 6 \cdot 31^{14} + 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 31^{10} + 12 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 4) = 23 \cdot 31^{10} + 15 \cdot 31^{11} + 24 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 27 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 1) = 22 \cdot 31^{10} + 25 \cdot 31^{11} + 6 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 29 \cdot 31^{15} + 5 \cdot 31^{16} + 14 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 2) = 2 \cdot 31^{10} + 6 \cdot 31^{11} + 24 \cdot 31^{12} + 20 \cdot 31^{13} + 25 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 1) = 7 \cdot 31^{10} + 29 \cdot 31^{11} + 7 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 4 \cdot 31^{15} + 14 \cdot 31^{16} + 3 \cdot 31^{17} + 19 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 3) = 6 \cdot 31^{10} + 21 \cdot 31^{11} + 29 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 1) = 5 \cdot 31^{10} + 11 \cdot 31^{11} + 3 \cdot 31^{12} + 19 \cdot 31^{13} + 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 10 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 2) = 23 \cdot 31^{10} + 26 \cdot 31^{11} + 4 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 24 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
&\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 5) = 30 \cdot 31^{10} + 31^{11} + 20 \cdot 31^{12} + 26 \cdot 31^{13} + 3 \cdot 31^{14} + 22 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 1) = 26 \cdot 31^{10} + 13 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 4 \cdot 31^{16} + 14 \cdot 31^{17} + 23 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 2) = 30 \cdot 31^{10} + 31^{11} + 15 \cdot 31^{12} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 25 \cdot 31^{16} + 16 \cdot 31^{17} + 29 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 1) = 18 \cdot 31^{10} + 4 \cdot 31^{11} + 18 \cdot 31^{12} + 24 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 3 \cdot 31^{16} + 21 \cdot 31^{17} + 21 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 3) = 25 \cdot 31^{10} + 23 \cdot 31^{11} + 10 \cdot 31^{12} + 21 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 1) = 27 \cdot 31^{10} + 27 \cdot 31^{11} + 16 \cdot 31^{12} + 31^{13} + 7 \cdot 31^{14} + 17 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 10 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 2) = 29 \cdot 31^{10} + 20 \cdot 31^{11} + 19 \cdot 31^{12} + 20 \cdot 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
&\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 4) = 15 \cdot 31^{10} + 16 \cdot 31^{11} + 25 \cdot 31^{12} + 28 \cdot 31^{13} + 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 1) = 22 \cdot 31^{10} + 25 \cdot 31^{11} + 27 \cdot 31^{12} + 14 \cdot 31^{13} + 23 \cdot 31^{14} + 25 \cdot 31^{15} + 18 \cdot 31^{16} + 30 \cdot 31^{17} + 9 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 2) = 10 \cdot 31^{10} + 3 \cdot 31^{11} + 14 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 14 \cdot 31^{15} + 8 \cdot 31^{16} + 7 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
&\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) = \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1) = O(31^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3) = 27 \cdot 31^{10} + 11 \cdot 31^{11} + 6 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 6 \cdot 31^{17} + 21 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1) = O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2) = O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \end{aligned}$$

**11.12. weight 11 case.**

$$\begin{aligned} \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(11) = 27 \cdot 31^{11} + 9 \cdot 31^{12} + 6 \cdot 31^{13} + 7 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 15 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(10, 1) = 24 \cdot 31^{11} + 2 \cdot 31^{12} + 24 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 14 \cdot 31^{17} + 2 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(9, 2) = 16 \cdot 31^{11} + 18 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(9, 1, 1) = 3 \cdot 31^{11} + 24 \cdot 31^{12} + 3 \cdot 31^{13} + 23 \cdot 31^{14} + 30 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 12 \cdot 31^{18} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(8, 3) = 22 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 22 \cdot 31^{14} + 12 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(8, 2, 1) = 7 \cdot 31^{11} + 8 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{15} + 14 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(8, 1, 2) = 13 \cdot 31^{11} + 8 \cdot 31^{12} + 19 \cdot 31^{13} + 14 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(8, 1, 1, 1) = 15 \cdot 31^{11} + 16 \cdot 31^{12} + 4 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 7 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(7, 4) = 24 \cdot 31^{11} + 11 \cdot 31^{12} + 16 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 27 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(7, 3, 1) = 20 \cdot 31^{11} + 25 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 9 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(7, 2, 2) = 20 \cdot 31^{11} + 19 \cdot 31^{12} + 10 \cdot 31^{13} + 22 \cdot 31^{14} + 25 \cdot 31^{15} + 13 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(7, 2, 1, 1) = 17 \cdot 31^{11} + 19 \cdot 31^{12} + 13 \cdot 31^{13} + 3 \cdot 31^{14} + 7 \cdot 31^{15} + 26 \cdot 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(7, 1, 3) = 14 \cdot 31^{11} + 4 \cdot 31^{12} + 9 \cdot 31^{13} + 21 \cdot 31^{14} + 21 \cdot 31^{15} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 29 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(7, 1, 2, 1) = 9 \cdot 31^{12} + 24 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 22 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(7, 1, 1, 2) = 21 \cdot 31^{11} + 3 \cdot 31^{12} + 5 \cdot 31^{13} + 2 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{17} + 13 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(7, 1, 1, 1, 1) = 3 \cdot 31^{11} + 30 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 18 \cdot 31^{15} + 30 \cdot 31^{16} + 20 \cdot 31^{17} + 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(6, 5) = 27 \cdot 31^{11} + 8 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(6, 4, 1) = 22 \cdot 31^{11} + 13 \cdot 31^{12} + 14 \cdot 31^{13} + 12 \cdot 31^{14} + 12 \cdot 31^{15} + 14 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(6, 3, 2) = 11 \cdot 31^{11} + 12 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(6, 3, 1, 1) = 31^{11} + 12 \cdot 31^{12} + 30 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 3 \cdot 31^{16} + 8 \cdot 31^{17} + 2 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(6, 2, 3) = 20 \cdot 31^{11} + 26 \cdot 31^{12} + 6 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 26 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(6, 2, 2, 1) = 2 \cdot 31^{11} + 6 \cdot 31^{12} + 11 \cdot 31^{13} + 21 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{17} + 22 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(6, 2, 1, 2) = 22 \cdot 31^{11} + 4 \cdot 31^{12} + 26 \cdot 31^{13} + 8 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 5 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(6, 2, 1, 1, 1) = 17 \cdot 31^{11} + 18 \cdot 31^{12} + 14 \cdot 31^{13} + 13 \cdot 31^{14} + 21 \cdot 31^{15} + 26 \cdot 31^{16} + 8 \cdot 31^{17} + 4 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(6, 1, 4) = 2 \cdot 31^{11} + 7 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(6, 1, 3, 1) = 28 \cdot 31^{11} + 28 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 9 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 27 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(6, 1, 2, 2) = 13 \cdot 31^{11} + 15 \cdot 31^{12} + 27 \cdot 31^{13} + 30 \cdot 31^{14} + 3 \cdot 31^{15} + 16 \cdot 31^{16} + 8 \cdot 31^{17} + 30 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(6, 1, 2, 1, 1) = 23 \cdot 31^{11} + 13 \cdot 31^{12} + 26 \cdot 31^{13} + 24 \cdot 31^{14} + 18 \cdot 31^{15} + 3 \cdot 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(6, 1, 1, 3) = 15 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(6, 1, 1, 2, 1) = 20 \cdot 31^{11} + 25 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(6, 1, 1, 1, 2) = 3 \cdot 31^{12} + 26 \cdot 31^{13} + 11 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 8 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(6, 1, 1, 1, 1) = 29 \cdot 31^{11} + 23 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 15 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 14 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(5, 6) = 8 \cdot 31^{11} + 12 \cdot 31^{12} + 30 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 18 \cdot 31^{17} + 21 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(5, 5, 1) = 2 \cdot 31^{12} + 16 \cdot 31^{14} + 6 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 29 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(5, 4, 2) = 17 \cdot 31^{11} + 4 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 21 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 10 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(5, 4, 1, 1) = 12 \cdot 31^{11} + 13 \cdot 31^{12} + 8 \cdot 31^{13} + 26 \cdot 31^{14} + 9 \cdot 31^{15} + 17 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(5, 3, 3) = 16 \cdot 31^{11} + 25 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 29 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(5, 3, 2, 1) = 26 \cdot 31^{11} + 19 \cdot 31^{12} + 18 \cdot 31^{13} + 21 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 5 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(5, 3, 1, 2) = 25 \cdot 31^{11} + 23 \cdot 31^{12} + 28 \cdot 31^{13} + 3 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 19 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(5, 3, 1, 1, 1) = 3 \cdot 31^{11} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 4 \cdot 31^{14} + 7 \cdot 31^{15} + 26 \cdot 31^{16} + 10 \cdot 31^{17} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(5, 2, 4) = 10 \cdot 31^{11} + 16 \cdot 31^{12} + 7 \cdot 31^{13} + 22 \cdot 31^{14} + 23 \cdot 31^{15} + 26 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(5, 2, 3, 1) = 6 \cdot 31^{11} + 17 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 15 \cdot 31^{15} + 5 \cdot 31^{16} + 14 \cdot 31^{17} + 27 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(5, 2, 2, 2) = 3 \cdot 31^{11} + 28 \cdot 31^{12} + 29 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(5, 2, 2, 1, 1) = 23 \cdot 31^{11} + 24 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 11 \cdot 31^{16} + 21 \cdot 31^{17} + 16 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(5, 2, 1, 3) = 28 \cdot 31^{11} + 3 \cdot 31^{12} + 13 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 18 \cdot 31^{17} + 11 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(5, 2, 1, 2, 1) = 15 \cdot 31^{11} + 30 \cdot 31^{13} + 19 \cdot 31^{14} + 2 \cdot 31^{15} + 11 \cdot 31^{17} + 5 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(5, 2, 1, 1, 2) = 10 \cdot 31^{11} + 10 \cdot 31^{12} + 4 \cdot 31^{13} + 18 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 27 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(5, 2, 1, 1, 1, 1) = 16 \cdot 31^{11} + 27 \cdot 31^{12} + 29 \cdot 31^{13} + 8 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 23 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(5, 1, 5) = 5 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 20 \cdot 31^{14} + 30 \cdot 31^{15} + 9 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(5, 1, 4, 1) = 26 \cdot 31^{11} + 29 \cdot 31^{12} + 25 \cdot 31^{13} + 9 \cdot 31^{14} + 30 \cdot 31^{15} + 23 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(5, 1, 3, 2) = 21 \cdot 31^{11} + 5 \cdot 31^{12} + 7 \cdot 31^{13} + 18 \cdot 31^{14} + 29 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(5, 1, 3, 1, 1) = 28 \cdot 31^{11} + 2 \cdot 31^{12} + 19 \cdot 31^{13} + 3 \cdot 31^{14} + 31^{15} + 23 \cdot 31^{16} + 31^{17} + 28 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(5, 1, 2, 3) = 12 \cdot 31^{11} + 18 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 9 \cdot 31^{15} + 5 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(5, 1, 2, 2, 1) = 14 \cdot 31^{11} + 5 \cdot 31^{12} + 11 \cdot 31^{13} + 16 \cdot 31^{14} + 22 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 30 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(5, 1, 2, 1, 2) = 2 \cdot 31^{11} + 31^{12} + 11 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(5, 1, 2, 1, 1, 1) = 15 \cdot 31^{11} + 18 \cdot 31^{13} + 16 \cdot 31^{14} + 29 \cdot 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(5, 1, 1, 4) = 17 \cdot 31^{11} + 20 \cdot 31^{12} + 24 \cdot 31^{13} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(5, 1, 1, 3, 1) = 7 \cdot 31^{11} + 15 \cdot 31^{12} + 15 \cdot 31^{13} + 18 \cdot 31^{14} + 11 \cdot 31^{15} + 18 \cdot 31^{16} + 10 \cdot 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(5, 1, 1, 2, 2) = 2 \cdot 31^{11} + 7 \cdot 31^{12} + 10 \cdot 31^{13} + 28 \cdot 31^{14} + 24 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(5, 1, 1, 2, 1, 1) = 19 \cdot 31^{11} + 16 \cdot 31^{12} + 19 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 18 \cdot 31^{16} + 19 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(5, 1, 1, 1, 3) = 7 \cdot 31^{11} + 11 \cdot 31^{12} + 14 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 24 \cdot 31^{16} + 3 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(5, 1, 1, 1, 2, 1) = 3 \cdot 31^{11} + 6 \cdot 31^{12} + 31^{13} + 23 \cdot 31^{14} + 6 \cdot 31^{15} + 14 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(5, 1, 1, 1, 2) = 3 \cdot 31^{12} + 26 \cdot 31^{13} + 11 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 8 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(5, 1, 1, 1, 1, 1) = 2 \cdot 31^{11} + 4 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 17 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 24 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(4, 7) = 11 \cdot 31^{11} + 9 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(4, 6, 1) = 18 \cdot 31^{11} + 29 \cdot 31^{12} + 9 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 18 \cdot 31^{16} + 30 \cdot 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 5, 2) = 11 \cdot 31^{11} + 10 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 26 \cdot 31^{17} + 8 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 5, 1, 1) = 30 \cdot 31^{11} + 21 \cdot 31^{12} + 5 \cdot 31^{13} + 27 \cdot 31^{14} + 12 \cdot 31^{15} + 12 \cdot 31^{16} + 30 \cdot 31^{17} + 27 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 4, 3) = 9 \cdot 31^{11} + 27 \cdot 31^{12} + 7 \cdot 31^{13} + 22 \cdot 31^{14} + 6 \cdot 31^{15} + 18 \cdot 31^{16} + 25 \cdot 31^{17} + 2 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 4, 2, 1) = 6 \cdot 31^{11} + 15 \cdot 31^{12} + 14 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{15} + 12 \cdot 31^{16} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 4, 1, 2) = 5 \cdot 31^{11} + 5 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 4, 1, 1, 1) = 7 \cdot 31^{11} + 16 \cdot 31^{12} + 3 \cdot 31^{13} + 29 \cdot 31^{14} + 23 \cdot 31^{15} + 11 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 3, 4) = 11 \cdot 31^{11} + 11 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 11 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 8 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 3, 3, 1) = 2 \cdot 31^{11} + 14 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 19 \cdot 31^{15} + 2 \cdot 31^{16} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 3, 2, 2) = 12 \cdot 31^{11} + 13 \cdot 31^{12} + 27 \cdot 31^{13} + 22 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 13 \cdot 31^{17} + 24 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 3, 2, 1, 1) = 8 \cdot 31^{11} + 22 \cdot 31^{12} + 22 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 2 \cdot 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 3, 1, 3) = 6 \cdot 31^{11} + 6 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 24 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 3, 1, 2, 1) = 4 \cdot 31^{11} + 19 \cdot 31^{12} + 23 \cdot 31^{13} + 27 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 3, 1, 1, 2) = 21 \cdot 31^{11} + 24 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 25 \cdot 31^{15} + 11 \cdot 31^{16} + 29 \cdot 31^{17} + 10 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 3, 1, 1, 1, 1) = 28 \cdot 31^{11} + 23 \cdot 31^{12} + 24 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 26 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 2, 5) = 26 \cdot 31^{11} + 18 \cdot 31^{12} + 26 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 2, 4, 1) = 8 \cdot 31^{11} + 13 \cdot 31^{12} + 4 \cdot 31^{13} + 29 \cdot 31^{15} + 23 \cdot 31^{16} + 3 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 2, 3, 2) = 21 \cdot 31^{11} + 20 \cdot 31^{12} + 28 \cdot 31^{13} + 17 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 13 \cdot 31^{17} + 28 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 2, 3, 1, 1) = 16 \cdot 31^{11} + 16 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 2, 2, 3) = 3 \cdot 31^{11} + 9 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 18 \cdot 31^{16} + 7 \cdot 31^{17} + 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 2, 2, 2, 1) = 9 \cdot 31^{11} + 28 \cdot 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{16} + 13 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 2, 2, 1, 2) = 17 \cdot 31^{11} + 4 \cdot 31^{12} + 29 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 2, 2, 1, 1, 1) = 6 \cdot 31^{11} + 7 \cdot 31^{12} + 25 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 27 \cdot 31^{17} + 9 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 2, 1, 4) = 22 \cdot 31^{11} + 23 \cdot 31^{12} + 15 \cdot 31^{13} + 5 \cdot 31^{15} + 2 \cdot 31^{16} + 7 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 2, 1, 3, 1) = 6 \cdot 31^{11} + 11 \cdot 31^{12} + 19 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 10 \cdot 31^{16} + 16 \cdot 31^{17} + 12 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 2, 1, 2, 2) = 13 \cdot 31^{11} + 11 \cdot 31^{12} + 5 \cdot 31^{13} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 9 \cdot 31^{17} + 27 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 2, 1, 2, 1, 1) = 11 \cdot 31^{11} + 17 \cdot 31^{12} + 20 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 2, 1, 1, 3) = 15 \cdot 31^{11} + 28 \cdot 31^{12} + 13 \cdot 31^{13} + 31^{14} + 14 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 2 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 2, 1, 1, 2, 1) = 13 \cdot 31^{11} + 22 \cdot 31^{12} + 3 \cdot 31^{13} + 12 \cdot 31^{14} + 15 \cdot 31^{16} + 8 \cdot 31^{17} + 24 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 2, 1, 1, 1, 2) = 10 \cdot 31^{11} + 10 \cdot 31^{12} + 4 \cdot 31^{13} + 18 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 27 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 2, 1, 1, 1, 1, 1) = 20 \cdot 31^{11} + 18 \cdot 31^{12} + 3 \cdot 31^{13} + 21 \cdot 31^{14} + 18 \cdot 31^{15} + 7 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 6) = 18 \cdot 31^{11} + 6 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 6 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 5, 1) = 21 \cdot 31^{11} + 2 \cdot 31^{12} + 8 \cdot 31^{13} + 15 \cdot 31^{14} + 21 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 4, 2) = 10 \cdot 31^{11} + 4 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 31^{17} + 27 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 4, 1, 1) = 12 \cdot 31^{11} + 9 \cdot 31^{12} + 21 \cdot 31^{13} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 3, 3) = 31^{11} + 28 \cdot 31^{12} + 19 \cdot 31^{13} + 25 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 16 \cdot 31^{17} + 10 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 3, 2, 1) = 27 \cdot 31^{11} + 15 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 22 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 3, 1, 2) = 19 \cdot 31^{11} + 20 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 3, 1, 1, 1) = 14 \cdot 31^{11} + 22 \cdot 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 30 \cdot 31^{16} + 21 \cdot 31^{17} + 25 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 2, 4) = 22 \cdot 31^{12} + 23 \cdot 31^{13} + 10 \cdot 31^{14} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 2, 3, 1) = 31^{11} + 9 \cdot 31^{12} + 4 \cdot 31^{13} + 9 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 29 \cdot 31^{17} + 2 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 2, 2, 2) = 6 \cdot 31^{11} + 11 \cdot 31^{12} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 22 \cdot 31^{16} + 8 \cdot 31^{17} + 12 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 2, 2, 1, 1) = 9 \cdot 31^{11} + 22 \cdot 31^{12} + 14 \cdot 31^{13} + 17 \cdot 31^{14} + 10 \cdot 31^{15} + 11 \cdot 31^{16} + 22 \cdot 31^{17} + 28 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 2, 1, 3) = 20 \cdot 31^{11} + 3 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 2 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 12 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 2, 1, 2, 1) = 19 \cdot 31^{11} + 5 \cdot 31^{12} + 7 \cdot 31^{13} + 29 \cdot 31^{14} + 5 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 2, 1, 1, 2) = 21 \cdot 31^{11} + 24 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 25 \cdot 31^{15} + 11 \cdot 31^{16} + 29 \cdot 31^{17} + 10 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 2, 1, 1, 1, 1) = 10 \cdot 31^{11} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 14 \cdot 31^{16} + 27 \cdot 31^{17} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 5) = 16 \cdot 31^{11} + 25 \cdot 31^{12} + 3 \cdot 31^{13} + 22 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 4, 1) = 26 \cdot 31^{12} + 12 \cdot 31^{13} + 20 \cdot 31^{14} + 25 \cdot 31^{15} + 3 \cdot 31^{16} + 20 \cdot 31^{17} + 22 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 3, 2) = 4 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 2 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 3, 1, 1) = 29 \cdot 31^{11} + 18 \cdot 31^{12} + 26 \cdot 31^{13} + 16 \cdot 31^{14} + 20 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 27 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 2, 3) = 25 \cdot 31^{11} + 3 \cdot 31^{12} + 2 \cdot 31^{13} + 17 \cdot 31^{14} + 21 \cdot 31^{15} + 4 \cdot 31^{16} + 27 \cdot 31^{17} + 23 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 2, 2, 1) = 28 \cdot 31^{11} + 19 \cdot 31^{12} + 24 \cdot 31^{13} + 4 \cdot 31^{14} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 2, 1, 2) = 14 \cdot 31^{11} + 27 \cdot 31^{12} + 4 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 4 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 2, 1, 1, 1) = 27 \cdot 31^{11} + 30 \cdot 31^{12} + 12 \cdot 31^{13} + 11 \cdot 31^{14} + 27 \cdot 31^{15} + 18 \cdot 31^{16} + 29 \cdot 31^{17} + 20 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 4) = 16 \cdot 31^{11} + 20 \cdot 31^{12} + 29 \cdot 31^{13} + 21 \cdot 31^{14} + 7 \cdot 31^{15} + 13 \cdot 31^{16} + 12 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 3, 1) = 9 \cdot 31^{11} + 11 \cdot 31^{12} + 10 \cdot 31^{13} + 2 \cdot 31^{14} + 12 \cdot 31^{15} + 18 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 2, 2) = 24 \cdot 31^{11} + 13 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 5 \cdot 31^{16} + 6 \cdot 31^{17} + 5 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 2, 1, 1) = 14 \cdot 31^{11} + 26 \cdot 31^{12} + 5 \cdot 31^{13} + 2 \cdot 31^{14} + 31^{15} + 24 \cdot 31^{16} + 17 \cdot 31^{17} + 2 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 3) = 2 \cdot 31^{11} + 2 \cdot 31^{12} + 10 \cdot 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 10 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 2, 1) = 26 \cdot 31^{11} + 28 \cdot 31^{12} + 11 \cdot 31^{13} + 14 \cdot 31^{14} + 9 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 12 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 2) = 21 \cdot 31^{11} + 3 \cdot 31^{12} + 5 \cdot 31^{13} + 2 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{17} + 13 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 1, 1) = 26 \cdot 31^{11} + 22 \cdot 31^{12} + 13 \cdot 31^{13} + 16 \cdot 31^{14} + 6 \cdot 31^{15} + 20 \cdot 31^{16} + 22 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 8) = 13 \cdot 31^{11} + 3 \cdot 31^{12} + 22 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 7 \cdot 31^{16} + 10 \cdot 31^{17} + 28 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 7, 1) = 23 \cdot 31^{11} + 17 \cdot 31^{12} + 8 \cdot 31^{13} + 11 \cdot 31^{14} + 27 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 6, 2) = 11 \cdot 31^{11} + 10 \cdot 31^{12} + 4 \cdot 31^{13} + 8 \cdot 31^{14} + 17 \cdot 31^{15} + 2 \cdot 31^{16} + 13 \cdot 31^{17} + 21 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 6, 1, 1) = 13 \cdot 31^{11} + 26 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 4 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 5, 3) = 3 \cdot 31^{11} + 20 \cdot 31^{12} + 24 \cdot 31^{13} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 5, 2, 1) = 14 \cdot 31^{11} + 15 \cdot 31^{12} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 12 \cdot 31^{15} + 13 \cdot 31^{16} + 12 \cdot 31^{17} + 10 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 5, 1, 2) = 13 \cdot 31^{11} + 14 \cdot 31^{12} + 2 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 13 \cdot 31^{16} + 30 \cdot 31^{17} + 11 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 5, 1, 1, 1) = 17 \cdot 31^{11} + 11 \cdot 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 4, 4) = 7 \cdot 31^{11} + 2 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 21 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 4, 3, 1) = 5 \cdot 31^{11} + 18 \cdot 31^{12} + 27 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 22 \cdot 31^{17} + 7 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 4, 2, 2) = 21 \cdot 31^{11} + 20 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 2 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 4, 2, 1, 1) = 5 \cdot 31^{11} + 20 \cdot 31^{12} + 10 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 15 \cdot 31^{16} + 14 \cdot 31^{17} + 7 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 4, 1, 3) = 9 \cdot 31^{11} + 21 \cdot 31^{12} + 2 \cdot 31^{13} + 31 \cdot 31^{14} + 20 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 4, 1, 2, 1) = 25 \cdot 31^{11} + 30 \cdot 31^{12} + 30 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 2 \cdot 31^{16} + 9 \cdot 31^{17} + 29 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 4, 1, 1, 2) = 14 \cdot 31^{11} + 27 \cdot 31^{12} + 4 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 4 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 4, 1, 1, 1, 1) = 15 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 4 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 3, 5) = 14 \cdot 31^{11} + 26 \cdot 31^{12} + 19 \cdot 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 5 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 3, 4, 1) = 6 \cdot 31^{11} + 28 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 15 \cdot 31^{15} + 16 \cdot 31^{16} + 26 \cdot 31^{17} + 5 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 3, 3, 2) = 13 \cdot 31^{11} + 13 \cdot 31^{12} + 13 \cdot 31^{13} + 2 \cdot 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 9 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 3, 3, 1, 1) = 6 \cdot 31^{11} + 10 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 26 \cdot 31^{16} + 18 \cdot 31^{17} + 18 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 3, 2, 3) = 19 \cdot 31^{11} + 11 \cdot 31^{12} + 31^{13} + 3 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{17} + 6 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 3, 2, 2, 1) = 19 \cdot 31^{11} + 17 \cdot 31^{12} + 12 \cdot 31^{13} + 25 \cdot 31^{14} + 29 \cdot 31^{15} + 28 \cdot 31^{16} + 15 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 3, 2, 1, 2) = 15 \cdot 31^{11} + 27 \cdot 31^{12} + 25 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 3, 2, 1, 1, 1) = 18 \cdot 31^{11} + 16 \cdot 31^{13} + 11 \cdot 31^{14} + 21 \cdot 31^{15} + 6 \cdot 31^{16} + 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 3, 1, 4) = 23 \cdot 31^{11} + 24 \cdot 31^{12} + 19 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 3, 1, 3, 1) = 19 \cdot 31^{12} + 16 \cdot 31^{13} + 27 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 21 \cdot 31^{17} + 12 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 3, 1, 2, 2) = 12 \cdot 31^{11} + 19 \cdot 31^{12} + 12 \cdot 31^{14} + 31^{15} + 26 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 3, 1, 2, 1, 1) = 20 \cdot 31^{11} + 18 \cdot 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{14} + 29 \cdot 31^{15} + 23 \cdot 31^{16} + 21 \cdot 31^{17} + 19 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 3, 1, 1, 3) = 2 \cdot 31^{11} + 4 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 23 \cdot 31^{15} + 8 \cdot 31^{16} + 5 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 3, 1, 1, 2, 1) = 15 \cdot 31^{11} + 24 \cdot 31^{12} + 28 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 2 \cdot 31^{16} + 22 \cdot 31^{17} + 4 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 3, 1, 1, 1, 2) = 2 \cdot 31^{11} + 31^{12} + 11 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 3, 1, 1, 1, 1, 1) = 10 \cdot 31^{11} + 21 \cdot 31^{12} + 6 \cdot 31^{13} + 21 \cdot 31^{14} + 23 \cdot 31^{15} + 30 \cdot 31^{16} + 12 \cdot 31^{17} + 9 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 6) = 11 \cdot 31^{11} + 17 \cdot 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 29 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 5, 1) = 13 \cdot 31^{11} + 5 \cdot 31^{12} + 12 \cdot 31^{13} + 25 \cdot 31^{14} + 19 \cdot 31^{15} + 31^{16} + 16 \cdot 31^{17} + 13 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 4, 2) = 3 \cdot 31^{11} + 10 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 28 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 4, 1, 1) = 18 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 18 \cdot 31^{14} + 5 \cdot 31^{15} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 25 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 3, 3) = 5 \cdot 31^{11} + 23 \cdot 31^{12} + 29 \cdot 31^{13} + 19 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 3, 2, 1) = 16 \cdot 31^{11} + 7 \cdot 31^{12} + 15 \cdot 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 28 \cdot 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 3, 1, 2) = 8 \cdot 31^{11} + 27 \cdot 31^{12} + 7 \cdot 31^{13} + 28 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 3, 1, 1, 1) = 2 \cdot 31^{11} + 29 \cdot 31^{12} + 20 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 21 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 2, 4) = 15 \cdot 31^{11} + 31^{12} + 13 \cdot 31^{13} + 23 \cdot 31^{14} + 27 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 2, 3, 1) = 5 \cdot 31^{11} + 14 \cdot 31^{12} + 31^{13} + 5 \cdot 31^{14} + 28 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 2, 2, 2) = 19 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 2, 2, 1, 1) = 29 \cdot 31^{11} + 9 \cdot 31^{12} + 9 \cdot 31^{13} + 30 \cdot 31^{14} + 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 9 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 2, 1, 3) = 30 \cdot 31^{11} + 25 \cdot 31^{12} + 23 \cdot 31^{13} + 12 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 2, 1, 2, 1) = 10 \cdot 31^{11} + 5 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 2, 1, 1, 2) = 17 \cdot 31^{11} + 4 \cdot 31^{12} + 29 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 2, 1, 1, 1, 1) = 14 \cdot 31^{11} + 21 \cdot 31^{12} + 25 \cdot 31^{13} + 30 \cdot 31^{14} + 6 \cdot 31^{15} + 11 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 5) = 11 \cdot 31^{11} + 9 \cdot 31^{12} + 24 \cdot 31^{13} + 22 \cdot 31^{14} + 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 4, 1) = 14 \cdot 31^{11} + 21 \cdot 31^{12} + 27 \cdot 31^{13} + 11 \cdot 31^{14} + 27 \cdot 31^{15} + 7 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 3, 2) = 17 \cdot 31^{11} + 31^{12} + 2 \cdot 31^{13} + 9 \cdot 31^{14} + 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 3, 1, 1) = 3 \cdot 31^{11} + 26 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 2, 3) = 22 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 17 \cdot 31^{14} + 28 \cdot 31^{15} + 29 \cdot 31^{16} + 30 \cdot 31^{17} + 23 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 2, 2, 1) = 31^{11} + 16 \cdot 31^{12} + 16 \cdot 31^{13} + 18 \cdot 31^{14} + 24 \cdot 31^{15} + 21 \cdot 31^{16} + 6 \cdot 31^{17} + 3 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 2, 1, 2) = 15 \cdot 31^{11} + 27 \cdot 31^{12} + 25 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 2, 1, 1, 1) = 7 \cdot 31^{11} + 27 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 2 \cdot 31^{15} + 19 \cdot 31^{16} + 3 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 4) = 25 \cdot 31^{11} + 26 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 4 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 3, 1) = 14 \cdot 31^{11} + 25 \cdot 31^{12} + 7 \cdot 31^{13} + 13 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{16} + 13 \cdot 31^{17} + 5 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 2, 2) = 25 \cdot 31^{11} + 6 \cdot 31^{12} + 20 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 2, 1, 1) = 6 \cdot 31^{11} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 19 \cdot 31^{15} + 29 \cdot 31^{16} + 10 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 3) = 9 \cdot 31^{11} + 10 \cdot 31^{12} + 7 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 6 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 2, 1) = 29 \cdot 31^{11} + 16 \cdot 31^{12} + 3 \cdot 31^{13} + 12 \cdot 31^{14} + 24 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 2) = 22 \cdot 31^{11} + 4 \cdot 31^{12} + 26 \cdot 31^{13} + 8 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 5 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 1, 1) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 13 \cdot 31^{16} + 16 \cdot 31^{17} + 6 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 7) = 13 \cdot 31^{11} + 12 \cdot 31^{12} + 19 \cdot 31^{14} + 18 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 30 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 6, 1) = 10 \cdot 31^{11} + 21 \cdot 31^{12} + 17 \cdot 31^{13} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 27 \cdot 31^{16} + 14 \cdot 31^{17} + 16 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 5, 2) = 30 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 23 \cdot 31^{15} + 7 \cdot 31^{16} + 5 \cdot 31^{17} + 7 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 5, 1, 1) = 24 \cdot 31^{11} + 12 \cdot 31^{12} + 20 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 6 \cdot 31^{17} + 14 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 4, 3) = 3 \cdot 31^{11} + 7 \cdot 31^{12} + 8 \cdot 31^{13} + 3 \cdot 31^{14} + 15 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 15 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 4, 2, 1) = 20 \cdot 31^{11} + 22 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 4, 1, 2) = 16 \cdot 31^{11} + 8 \cdot 31^{12} + 22 \cdot 31^{13} + 23 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 4, 1, 1) = 20 \cdot 31^{11} + 20 \cdot 31^{12} + 27 \cdot 31^{13} + 22 \cdot 31^{14} + 26 \cdot 31^{15} + 9 \cdot 31^{16} + 3 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 3, 4) = 14 \cdot 31^{11} + 21 \cdot 31^{12} + 20 \cdot 31^{13} + 23 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 3, 3, 1) = 19 \cdot 31^{11} + 30 \cdot 31^{12} + 20 \cdot 31^{13} + 23 \cdot 31^{14} + 19 \cdot 31^{15} + 4 \cdot 31^{16} + 30 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 3, 2, 2) = 19 \cdot 31^{11} + 10 \cdot 31^{12} + 17 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 31 \cdot 31^{16} + 6 \cdot 31^{17} + 6 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 3, 2, 1) = 5 \cdot 31^{11} + 19 \cdot 31^{12} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 23 \cdot 31^{15} + 25 \cdot 31^{16} + 2 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 3, 1, 3) = 23 \cdot 31^{11} + 27 \cdot 31^{12} + 15 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 15 \cdot 31^{17} + 14 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 3, 1, 2) = 8 \cdot 31^{11} + 5 \cdot 31^{12} + 8 \cdot 31^{13} + 14 \cdot 31^{14} + 14 \cdot 31^{15} + 20 \cdot 31^{16} + 8 \cdot 31^{17} + 5 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 3, 1, 1, 2) = 19 \cdot 31^{11} + 20 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 3, 1, 1, 1) = 7 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 18 \cdot 31^{15} + 23 \cdot 31^{16} + 26 \cdot 31^{17} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 5) = 21 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 24 \cdot 31^{15} + 14 \cdot 31^{16} + 31 \cdot 31^{17} + 30 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 4, 1) = 10 \cdot 31^{11} + 10 \cdot 31^{12} + 10 \cdot 31^{13} + 8 \cdot 31^{14} + 23 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 30 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 3, 2) = 31^{11} + 10 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 22 \cdot 31^{15} + 17 \cdot 31^{16} + 5 \cdot 31^{17} + 19 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 3, 1) = 13 \cdot 31^{11} + 21 \cdot 31^{12} + 19 \cdot 31^{13} + 30 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 2, 3) = 3 \cdot 31^{11} + 27 \cdot 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 3 \cdot 31^{16} + 27 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 2, 2, 1) = 15 \cdot 31^{11} + 29 \cdot 31^{12} + 22 \cdot 31^{13} + 15 \cdot 31^{14} + 21 \cdot 31^{15} + 9 \cdot 31^{16} + 3 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 2, 1, 2) = 8 \cdot 31^{11} + 27 \cdot 31^{12} + 7 \cdot 31^{13} + 28 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 2, 1, 1) = 21 \cdot 31^{11} + 17 \cdot 31^{12} + 11 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 19 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 4) = 10 \cdot 31^{11} + 5 \cdot 31^{12} + 7 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 12 \cdot 31^{16} + 4 \cdot 31^{17} + 22 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 3, 1) = 24 \cdot 31^{11} + 26 \cdot 31^{12} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 25 \cdot 31^{17} + 22 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 2, 2) = 3 \cdot 31^{11} + 16 \cdot 31^{12} + 24 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 12 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 2, 1) = 24 \cdot 31^{11} + 2 \cdot 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{15} + 2 \cdot 31^{16} + 6 \cdot 31^{17} + 15 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 3) = 11 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 9 \cdot 31^{14} + 13 \cdot 31^{15} + 3 \cdot 31^{16} + 19 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 2, 1) = 16 \cdot 31^{11} + 18 \cdot 31^{12} + 3 \cdot 31^{13} + 21 \cdot 31^{14} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 2) = 25 \cdot 31^{11} + 23 \cdot 31^{12} + 28 \cdot 31^{13} + 3 \cdot 31^{14} + 8 \cdot 31^{15} + 31 \cdot 31^{16} + 19 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 1) = 10 \cdot 31^{11} + 9 \cdot 31^{12} + 29 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 7 \cdot 31^{17} + 14 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 6) = 30 \cdot 31^{11} + 9 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 7 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 5, 1) = 20 \cdot 31^{11} + 28 \cdot 31^{12} + 15 \cdot 31^{13} + 13 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 10 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 4, 2) = 7 \cdot 31^{12} + 16 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 9 \cdot 31^{17} + 16 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 4, 1) = 17 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 2 \cdot 31^{14} + 13 \cdot 31^{15} + 6 \cdot 31^{16} + 27 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 3, 3) = 4 \cdot 31^{11} + 8 \cdot 31^{12} + 8 \cdot 31^{13} + 20 \cdot 31^{14} + 11 \cdot 31^{15} + 23 \cdot 31^{16} + 14 \cdot 31^{17} + 21 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 3, 2, 1) = 18 \cdot 31^{11} + 19 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 4 \cdot 31^{15} + 5 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 3, 1, 2) = 16 \cdot 31^{11} + 8 \cdot 31^{12} + 22 \cdot 31^{13} + 23 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 3, 1, 1) = 31^{11} + 10 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 24 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 4) = 10 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 3, 1) = 25 \cdot 31^{11} + 11 \cdot 31^{12} + 14 \cdot 31^{13} + 19 \cdot 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 2, 2) = 19 \cdot 31^{11} + 2 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{15} + 20 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 2, 1, 1) = 18 \cdot 31^{11} + 17 \cdot 31^{12} + 15 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 13 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 3) = 7 \cdot 31^{11} + 30 \cdot 31^{12} + 6 \cdot 31^{13} + 6 \cdot 31^{14} + 4 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 2, 1) = 18 \cdot 31^{11} + 18 \cdot 31^{12} + 7 \cdot 31^{13} + 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 12 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 2) = 5 \cdot 31^{11} + 5 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 31^{11} + 12 \cdot 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{16} + 2 \cdot 31^{17} + 14 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 5) = 11 \cdot 31^{11} + 14 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 13 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 4, 1) = 28 \cdot 31^{11} + 27 \cdot 31^{12} + 18 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 8 \cdot 31^{17} + 10 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 3, 2) = 15 \cdot 31^{11} + 15 \cdot 31^{12} + 4 \cdot 31^{13} + 11 \cdot 31^{14} + 17 \cdot 31^{15} + 2 \cdot 31^{16} + 27 \cdot 31^{17} + 29 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 3, 1, 1) = 24 \cdot 31^{11} + 12 \cdot 31^{12} + 3 \cdot 31^{13} + 20 \cdot 31^{14} + 26 \cdot 31^{15} + 17 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 3) = 11 \cdot 31^{11} + 11 \cdot 31^{12} + 14 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 6 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 2, 1) = 3 \cdot 31^{11} + 26 \cdot 31^{12} + 20 \cdot 31^{13} + 8 \cdot 31^{14} + 4 \cdot 31^{15} + 13 \cdot 31^{16} + 19 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 2) = 13 \cdot 31^{11} + 14 \cdot 31^{12} + 2 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 13 \cdot 31^{16} + 30 \cdot 31^{17} + 11 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 1, 1) = 22 \cdot 31^{11} + 22 \cdot 31^{12} + 15 \cdot 31^{13} + 12 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 31^{17} + 24 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 4) = 18 \cdot 31^{11} + 14 \cdot 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 3, 1) = 16 \cdot 31^{11} + 30 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 18 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 2) = 19 \cdot 31^{11} + 29 \cdot 31^{12} + 23 \cdot 31^{13} + 15 \cdot 31^{14} + 30 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 1, 1) = 29 \cdot 31^{11} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 3) = 4 \cdot 31^{11} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 2, 1) = 16 \cdot 31^{11} + 5 \cdot 31^{12} + 22 \cdot 31^{13} + 18 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 10 \cdot 31^{17} + 15 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 2) = 13 \cdot 31^{11} + 8 \cdot 31^{12} + 19 \cdot 31^{13} + 14 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 31^{11} + 18 \cdot 31^{12} + 16 \cdot 31^{13} + 31^{14} + 16 \cdot 31^{15} + 27 \cdot 31^{16} + 14 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 9) = 19 \cdot 31^{11} + 2 \cdot 31^{12} + 9 \cdot 31^{13} + 15 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 8, 1) = 27 \cdot 31^{11} + 24 \cdot 31^{12} + 8 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 7, 2) = 13 \cdot 31^{11} + 23 \cdot 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 7, 1, 1) = 18 \cdot 31^{11} + 6 \cdot 31^{12} + 30 \cdot 31^{13} + 29 \cdot 31^{14} + 3 \cdot 31^{15} + 31^{16} + 2 \cdot 31^{17} + 27 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 6, 3) = 13 \cdot 31^{11} + 27 \cdot 31^{12} + 15 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 6, 2, 1) = 18 \cdot 31^{11} + 27 \cdot 31^{12} + 15 \cdot 31^{13} + 12 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 6, 1, 2) = 19 \cdot 31^{11} + 29 \cdot 31^{12} + 23 \cdot 31^{13} + 15 \cdot 31^{14} + 30 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 6, 1, 1, 1) = 5 \cdot 31^{11} + 4 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 13 \cdot 31^{15} + 2 \cdot 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 5, 4) = 3 \cdot 31^{11} + 17 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 17 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 5, 3, 1) = 10 \cdot 31^{12} + 12 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 12 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 5, 2, 2) = 6 \cdot 31^{11} + 30 \cdot 31^{12} + 19 \cdot 31^{13} + 8 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 2 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 5, 2, 1, 1) = 21 \cdot 31^{11} + 9 \cdot 31^{12} + 4 \cdot 31^{13} + 29 \cdot 31^{14} + 12 \cdot 31^{15} + 3 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 5, 1, 3) = 28 \cdot 31^{11} + 22 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 27 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 20 \cdot 31^{18} + 31 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 5, 1, 2, 1) = 15 \cdot 31^{11} + 3 \cdot 31^{12} + 19 \cdot 31^{13} + 9 \cdot 31^{14} + 21 \cdot 31^{15} + 4 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 5, 1, 1, 2) = 24 \cdot 31^{11} + 13 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 5 \cdot 31^{16} + 6 \cdot 31^{17} + 5 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 5, 1, 1, 1, 1) = 23 \cdot 31^{11} + 28 \cdot 31^{12} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 17 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 24 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 4, 5) = 18 \cdot 31^{11} + 14 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 4, 4, 1) = 25 \cdot 31^{11} + 19 \cdot 31^{12} + 15 \cdot 31^{13} + 5 \cdot 31^{14} + 23 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 14 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 4, 3, 2) = 15 \cdot 31^{11} + 11 \cdot 31^{12} + 12 \cdot 31^{13} + 25 \cdot 31^{14} + 21 \cdot 31^{15} + 16 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 4, 3, 1, 1) = 5 \cdot 31^{11} + 18 \cdot 31^{12} + 30 \cdot 31^{13} + 28 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{17} + 18 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 4, 2, 3) = 11 \cdot 31^{11} + 12 \cdot 31^{12} + 13 \cdot 31^{13} + 19 \cdot 31^{14} + 6 \cdot 31^{15} + 9 \cdot 31^{16} + 14 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 4, 2, 2, 1) = 30 \cdot 31^{11} + 21 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 18 \cdot 31^{15} + 4 \cdot 31^{16} + 19 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 4, 2, 1, 2) = 25 \cdot 31^{11} + 6 \cdot 31^{12} + 20 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 4, 2, 1, 1, 1) = 17 \cdot 31^{11} + 30 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 7 \cdot 31^{15} + 23 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 4, 1, 4) = 30 \cdot 31^{11} + 17 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 17 \cdot 31^{15} + 24 \cdot 31^{16} + 29 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 4, 1, 3, 1) = 19 \cdot 31^{11} + 24 \cdot 31^{12} + 5 \cdot 31^{13} + 8 \cdot 31^{14} + 11 \cdot 31^{15} + 30 \cdot 31^{16} + 16 \cdot 31^{17} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 4, 1, 2, 2) = 27 \cdot 31^{11} + 23 \cdot 31^{12} + 27 \cdot 31^{13} + 15 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 4, 1, 2, 1, 1) = 22 \cdot 31^{11} + 4 \cdot 31^{12} + 15 \cdot 31^{13} + 12 \cdot 31^{14} + 28 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 12 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 4, 1, 1, 3) = 22 \cdot 31^{11} + 12 \cdot 31^{12} + 22 \cdot 31^{13} + 25 \cdot 31^{14} + 19 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 4, 1, 1, 2, 1) = 8 \cdot 31^{11} + 25 \cdot 31^{12} + 6 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 14 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 4, 1, 1, 1, 2) = 2 \cdot 31^{11} + 7 \cdot 31^{12} + 10 \cdot 31^{13} + 28 \cdot 31^{14} + 24 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 4, 1, 1, 1, 1, 1) = 19 \cdot 31^{11} + 5 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 28 \cdot 31^{15} + 16 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 6) = 19 \cdot 31^{11} + 18 \cdot 31^{12} + 27 \cdot 31^{13} + 31 \cdot 31^{14} + 17 \cdot 31^{15} + 20 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 5, 1) = 27 \cdot 31^{11} + 17 \cdot 31^{12} + 28 \cdot 31^{13} + 23 \cdot 31^{14} + 2 \cdot 31^{15} + 15 \cdot 31^{16} + 8 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 4, 2) = 13 \cdot 31^{11} + 24 \cdot 31^{12} + 15 \cdot 31^{13} + 11 \cdot 31^{14} + 15 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 4, 1, 1) = 23 \cdot 31^{11} + 24 \cdot 31^{12} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 23 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 3, 3) = 23 \cdot 31^{11} + 3 \cdot 31^{12} + 25 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 20 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 3, 2, 1) = 21 \cdot 31^{11} + 9 \cdot 31^{12} + 7 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 3, 1, 2) = 3 \cdot 31^{11} + 16 \cdot 31^{12} + 24 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 12 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 3, 1, 1, 1) = 8 \cdot 31^{11} + 23 \cdot 31^{12} + 22 \cdot 31^{13} + 7 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 24 \cdot 31^{17} + 31 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 2, 4) = 31^{11} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 23 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 3 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 2, 3, 1) = 30 \cdot 31^{11} + 27 \cdot 31^{12} + 11 \cdot 31^{13} + 7 \cdot 31^{14} + 17 \cdot 31^{15} + 25 \cdot 31^{16} + 10 \cdot 31^{17} + 2 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 2, 2, 2) = 6 \cdot 31^{11} + 10 \cdot 31^{12} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 2, 2, 1, 1) = 22 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 28 \cdot 31^{14} + 29 \cdot 31^{15} + 2 \cdot 31^{16} + 13 \cdot 31^{17} + 23 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 2, 1, 3) = 3 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 22 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 2, 1, 2, 1) = 26 \cdot 31^{11} + 6 \cdot 31^{12} + 26 \cdot 31^{14} + 25 \cdot 31^{15} + 13 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 2, 1, 1, 2) = 13 \cdot 31^{11} + 11 \cdot 31^{12} + 5 \cdot 31^{13} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 9 \cdot 31^{17} + 27 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 2, 1, 1, 1, 1) = 19 \cdot 31^{11} + 22 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 21 \cdot 31^{15} + 8 \cdot 31^{16} + 26 \cdot 31^{17} + 19 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 5) = 20 \cdot 31^{11} + 8 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 21 \cdot 31^{15} + 11 \cdot 31^{16} + 28 \cdot 31^{17} + 10 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 4, 1) = 19 \cdot 31^{11} + 5 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 19 \cdot 31^{16} + 12 \cdot 31^{17} + 5 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 3, 2) = 21 \cdot 31^{11} + 16 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 14 \cdot 31^{15} + 11 \cdot 31^{16} + 19 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 3, 1, 1) = 7 \cdot 31^{11} + 9 \cdot 31^{12} + 11 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 14 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 2, 3) = 30 \cdot 31^{11} + 14 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 2, 2, 1) = 4 \cdot 31^{11} + 2 \cdot 31^{12} + 10 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 9 \cdot 31^{16} + 18 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 2, 1, 2) = 12 \cdot 31^{11} + 19 \cdot 31^{12} + 12 \cdot 31^{14} + 31^{15} + 26 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 2, 1, 1, 1) = 2 \cdot 31^{11} + 22 \cdot 31^{12} + 29 \cdot 31^{13} + 20 \cdot 31^{14} + 11 \cdot 31^{15} + 21 \cdot 31^{16} + 20 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 4) = 26 \cdot 31^{11} + 13 \cdot 31^{12} + 27 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 30 \cdot 31^{17} + 13 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 3, 1) = 8 \cdot 31^{11} + 23 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{15} + 30 \cdot 31^{16} + 22 \cdot 31^{17} + 22 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 2, 2) = 27 \cdot 31^{11} + 23 \cdot 31^{12} + 27 \cdot 31^{13} + 15 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 2, 1, 1) = 4 \cdot 31^{11} + 10 \cdot 31^{12} + 15 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 14 \cdot 31^{17} + 6 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 3) = 24 \cdot 31^{11} + 4 \cdot 31^{12} + 13 \cdot 31^{13} + 6 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 2, 1) = 21 \cdot 31^{11} + 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 8 \cdot 31^{16} + 28 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 2) = 13 \cdot 31^{11} + 15 \cdot 31^{12} + 27 \cdot 31^{13} + 30 \cdot 31^{14} + 3 \cdot 31^{15} + 16 \cdot 31^{16} + 8 \cdot 31^{17} + 30 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 1, 1) = 30 \cdot 31^{11} + 28 \cdot 31^{12} + 9 \cdot 31^{13} + 15 \cdot 31^{14} + 22 \cdot 31^{15} + 26 \cdot 31^{16} + 24 \cdot 31^{17} + 11 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 7) = 25 \cdot 31^{11} + 28 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 28 \cdot 31^{16} + 2 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 6, 1) = 30 \cdot 31^{11} + 7 \cdot 31^{12} + 9 \cdot 31^{13} + 4 \cdot 31^{14} + 25 \cdot 31^{16} + 3 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 5, 2) = 27 \cdot 31^{11} + 21 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 24 \cdot 31^{17} + 23 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 5, 1, 1) = 25 \cdot 31^{11} + 17 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 4, 3) = 29 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 22 \cdot 31^{14} + 10 \cdot 31^{15} + 18 \cdot 31^{16} + 4 \cdot 31^{17} + 20 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 4, 2, 1) = 5 \cdot 31^{11} + 30 \cdot 31^{12} + 29 \cdot 31^{14} + 18 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 4, 1, 2) = 19 \cdot 31^{11} + 2 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{15} + 20 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 4, 1, 1, 1) = 24 \cdot 31^{11} + 5 \cdot 31^{12} + 14 \cdot 31^{13} + 3 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{16} + 27 \cdot 31^{17} + 12 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 3, 4) = 23 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 30 \cdot 31^{15} + 19 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 3, 3, 1) = 9 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 18 \cdot 31^{15} + 22 \cdot 31^{16} + 20 \cdot 31^{17} + 6 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 3, 2, 2) = 6 \cdot 31^{11} + 6 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 3, 2, 1, 1) = 9 \cdot 31^{11} + 17 \cdot 31^{12} + 24 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{15} + 25 \cdot 31^{16} + 18 \cdot 31^{17} + 17 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 3, 1, 3) = 12 \cdot 31^{11} + 12 \cdot 31^{12} + 16 \cdot 31^{13} + 4 \cdot 31^{15} + 18 \cdot 31^{16} + 8 \cdot 31^{17} + 2 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 3, 1, 2, 1) = 10 \cdot 31^{11} + 20 \cdot 31^{12} + 29 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 9 \cdot 31^{16} + 14 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 3, 1, 1, 2) = 6 \cdot 31^{11} + 11 \cdot 31^{12} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 22 \cdot 31^{16} + 8 \cdot 31^{17} + 12 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 3, 1, 1, 1, 1) = 30 \cdot 31^{11} + 15 \cdot 31^{12} + 17 \cdot 31^{13} + 22 \cdot 31^{14} + 18 \cdot 31^{15} + 16 \cdot 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 5) = 30 \cdot 31^{11} + 2 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 4, 1) = 13 \cdot 31^{11} + 6 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 29 \cdot 31^{15} + 4 \cdot 31^{16} + 29 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 3, 2) = 19 \cdot 31^{11} + 12 \cdot 31^{12} + 12 \cdot 31^{13} + 24 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 3, 1, 1) = 21 \cdot 31^{11} + 9 \cdot 31^{12} + 30 \cdot 31^{13} + 18 \cdot 31^{14} + 22 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 12 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 2, 3) = 8 \cdot 31^{11} + 6 \cdot 31^{12} + 2 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 28 \cdot 31^{16} + 15 \cdot 31^{17} + 5 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 2, 2, 1) = 8 \cdot 31^{11} + 11 \cdot 31^{12} + 18 \cdot 31^{13} + 16 \cdot 31^{14} + 5 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 2, 1, 2) = 19 \cdot 31^{11} + 5 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 2, 1, 1, 1) = 21 \cdot 31^{11} + 18 \cdot 31^{12} + 15 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 7 \cdot 31^{16} + 29 \cdot 31^{17} + 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 4) = 18 \cdot 31^{11} + 23 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{17} + 14 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 3, 1) = 10 \cdot 31^{11} + 10 \cdot 31^{12} + 30 \cdot 31^{13} + 17 \cdot 31^{14} + 4 \cdot 31^{15} + 30 \cdot 31^{16} + 7 \cdot 31^{17} + 12 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 2, 2) = 6 \cdot 31^{11} + 10 \cdot 31^{12} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 2, 1, 1) = 3 \cdot 31^{11} + 4 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 26 \cdot 31^{17} + 25 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 3) = 9 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{14} + 13 \cdot 31^{15} + 14 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 2, 1) = 9 \cdot 31^{11} + 18 \cdot 31^{12} + 6 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 25 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 2) = 3 \cdot 31^{11} + 28 \cdot 31^{12} + 29 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 1, 1) = 23 \cdot 31^{11} + 4 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 19 \cdot 31^{15} + 30 \cdot 31^{17} + 5 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 6) = 15 \cdot 31^{11} + 20 \cdot 31^{12} + 22 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 10 \cdot 31^{17} + 17 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 5, 1) = 12 \cdot 31^{11} + 24 \cdot 31^{12} + 28 \cdot 31^{13} + 11 \cdot 31^{14} + 7 \cdot 31^{15} + 20 \cdot 31^{16} + 19 \cdot 31^{17} + 30 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 4, 2) = 30 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 30 \cdot 31^{14} + 26 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 4, 1, 1) = 6 \cdot 31^{11} + 11 \cdot 31^{12} + 18 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 24 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 3, 3) = 16 \cdot 31^{11} + 5 \cdot 31^{12} + 15 \cdot 31^{13} + 12 \cdot 31^{14} + 18 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 3, 2, 1) = 29 \cdot 31^{11} + 16 \cdot 31^{12} + 8 \cdot 31^{13} + 27 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{16} + 20 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 3, 1, 2) = 19 \cdot 31^{11} + 10 \cdot 31^{12} + 17 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 6 \cdot 31^{17} + 6 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 3, 1, 1, 1) = 8 \cdot 31^{11} + 18 \cdot 31^{12} + 13 \cdot 31^{13} + 30 \cdot 31^{14} + 25 \cdot 31^{15} + 16 \cdot 31^{16} + 30 \cdot 31^{17} + 24 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 4) = 12 \cdot 31^{11} + 6 \cdot 31^{12} + 19 \cdot 31^{13} + 25 \cdot 31^{14} + 10 \cdot 31^{15} + 4 \cdot 31^{16} + 18 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 3, 1) = 15 \cdot 31^{11} + 18 \cdot 31^{12} + 6 \cdot 31^{13} + 8 \cdot 31^{14} + 4 \cdot 31^{15} + 28 \cdot 31^{16} + 8 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 2, 2) = 6 \cdot 31^{11} + 6 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 2, 1, 1) = 27 \cdot 31^{11} + 2 \cdot 31^{12} + 14 \cdot 31^{13} + 8 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 9 \cdot 31^{17} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 3) = 25 \cdot 31^{11} + 20 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 26 \cdot 31^{16} + 5 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 2, 1) = 23 \cdot 31^{11} + 2 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 13 \cdot 31^{17} + 23 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 2) = 12 \cdot 31^{11} + 13 \cdot 31^{12} + 27 \cdot 31^{13} + 22 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 13 \cdot 31^{17} + 24 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 1, 1) = 20 \cdot 31^{11} + 12 \cdot 31^{12} + 21 \cdot 31^{13} + 14 \cdot 31^{14} + 10 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 5) = 18 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 4, 1) = 11 \cdot 31^{11} + 29 \cdot 31^{12} + 14 \cdot 31^{13} + 23 \cdot 31^{14} + 16 \cdot 31^{15} + 9 \cdot 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 3, 2) = 19 \cdot 31^{11} + 17 \cdot 31^{12} + 8 \cdot 31^{13} + 9 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 4 \cdot 31^{17} + 19 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 3, 1, 1) = 6 \cdot 31^{11} + 9 \cdot 31^{13} + 25 \cdot 31^{14} + 30 \cdot 31^{15} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 9 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 3) = 31^{11} + 10 \cdot 31^{12} + 24 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 16 \cdot 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 2, 1) = 6 \cdot 31^{11} + 7 \cdot 31^{12} + 9 \cdot 31^{13} + 17 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 14 \cdot 31^{17} + 14 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 2) = 21 \cdot 31^{11} + 20 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 2 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 1, 1) = 23 \cdot 31^{11} + 20 \cdot 31^{12} + 14 \cdot 31^{13} + 12 \cdot 31^{14} + 27 \cdot 31^{15} + 28 \cdot 31^{16} + 4 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 4) = 14 \cdot 31^{11} + 12 \cdot 31^{12} + 27 \cdot 31^{13} + 9 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 3, 1) = 13 \cdot 31^{11} + 18 \cdot 31^{12} + 25 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 9 \cdot 31^{16} + 31^{17} + 18 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 2) = 6 \cdot 31^{11} + 30 \cdot 31^{12} + 19 \cdot 31^{13} + 8 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 2 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 1, 1) = 11 \cdot 31^{11} + 12 \cdot 31^{12} + 20 \cdot 31^{13} + 21 \cdot 31^{14} + 29 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 9 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 3) = 5 \cdot 31^{11} + 8 \cdot 31^{12} + 30 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 31^{11} + 21 \cdot 31^{12} + 23 \cdot 31^{13} + 19 \cdot 31^{14} + 25 \cdot 31^{15} + 10 \cdot 31^{16} + 24 \cdot 31^{17} + 2 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 2) = 20 \cdot 31^{11} + 19 \cdot 31^{12} + 10 \cdot 31^{13} + 22 \cdot 31^{14} + 25 \cdot 31^{15} + 13 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 8 \cdot 31^{11} + 3 \cdot 31^{12} + 7 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 6 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 8) = 16 \cdot 31^{11} + 23 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 7, 1) = 21 \cdot 31^{11} + 25 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 6, 2) = 29 \cdot 31^{11} + 18 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 6, 1, 1) = 29 \cdot 31^{11} + 24 \cdot 31^{12} + 11 \cdot 31^{13} + 18 \cdot 31^{14} + 23 \cdot 31^{15} + 15 \cdot 31^{16} + 26 \cdot 31^{17} + 20 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 5, 3) = 8 \cdot 31^{11} + 22 \cdot 31^{12} + 31^{13} + 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 18 \cdot 31^{17} + 8 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 5, 2, 1) = 9 \cdot 31^{11} + 17 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 2 \cdot 31^{15} + 15 \cdot 31^{16} + 27 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 5, 1, 2) = 15 \cdot 31^{11} + 15 \cdot 31^{12} + 4 \cdot 31^{13} + 11 \cdot 31^{14} + 17 \cdot 31^{15} + 2 \cdot 31^{16} + 27 \cdot 31^{17} + 29 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 5, 1, 1, 1) = 6 \cdot 31^{11} + 22 \cdot 31^{12} + 5 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 3 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 4, 4) = 10 \cdot 31^{11} + 17 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 4, 3, 1) = 2 \cdot 31^{11} + 8 \cdot 31^{12} + 18 \cdot 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 26 \cdot 31^{16} + 10 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 4, 2, 2) = 19 \cdot 31^{11} + 17 \cdot 31^{12} + 8 \cdot 31^{13} + 9 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 4 \cdot 31^{17} + 19 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 4, 2, 1, 1) = 14 \cdot 31^{11} + 16 \cdot 31^{12} + 28 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 6 \cdot 31^{16} + 15 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 4, 1, 3) = 19 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 4, 1, 2, 1) = 24 \cdot 31^{11} + 14 \cdot 31^{12} + 23 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 4, 1, 1, 2) = 4 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 2 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 4, 1, 1, 1, 1) = 18 \cdot 31^{11} + 10 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 29 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 21 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 5) = 30 \cdot 31^{11} + 18 \cdot 31^{12} + 25 \cdot 31^{13} + 22 \cdot 31^{14} + 6 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 4, 1) = 10 \cdot 31^{11} + 25 \cdot 31^{12} + 5 \cdot 31^{13} + 8 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 29 \cdot 31^{17} + 7 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 3, 2) = 12 \cdot 31^{11} + 3 \cdot 31^{12} + 11 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 16 \cdot 31^{16} + 11 \cdot 31^{17} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 3, 1, 1) = 2 \cdot 31^{11} + 27 \cdot 31^{12} + 9 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 2, 3) = 16 \cdot 31^{11} + 25 \cdot 31^{12} + 24 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 2, 2, 1) = 14 \cdot 31^{12} + 13 \cdot 31^{13} + 22 \cdot 31^{14} + 25 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 2, 1, 2) = 17 \cdot 31^{11} + 31^{12} + 2 \cdot 31^{13} + 9 \cdot 31^{14} + 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 2, 1, 1, 1) = 3 \cdot 31^{11} + 13 \cdot 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 17 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 5 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 4) = 8 \cdot 31^{11} + 2 \cdot 31^{12} + 15 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 14 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 3, 1) = 31^{11} + 29 \cdot 31^{12} + 22 \cdot 31^{13} + 23 \cdot 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{16} + 12 \cdot 31^{17} + 29 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 2, 2) = 21 \cdot 31^{11} + 16 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 14 \cdot 31^{15} + 11 \cdot 31^{16} + 19 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 2, 1, 1) = 30 \cdot 31^{11} + 21 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 26 \cdot 31^{17} + 9 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 3) = 17 \cdot 31^{11} + 19 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 2, 1) = 18 \cdot 31^{11} + 11 \cdot 31^{12} + 24 \cdot 31^{13} + 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 6 \cdot 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 2) = 21 \cdot 31^{11} + 5 \cdot 31^{12} + 7 \cdot 31^{13} + 18 \cdot 31^{14} + 29 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 1, 1) = 16 \cdot 31^{11} + 15 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 19 \cdot 31^{15} + 25 \cdot 31^{16} + 9 \cdot 31^{17} + 20 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 6) = 12 \cdot 31^{11} + 15 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 9 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 5, 1) = 30 \cdot 31^{11} + 4 \cdot 31^{12} + 24 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 31^{16} + 10 \cdot 31^{17} + 26 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 4, 2) = 26 \cdot 31^{11} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 4, 1, 1) = 16 \cdot 31^{11} + 11 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 3, 3) = 2 \cdot 31^{11} + 11 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 26 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 3, 2, 1) = 28 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 13 \cdot 31^{17} + 29 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 3, 1, 2) = 31^{11} + 10 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 22 \cdot 31^{15} + 17 \cdot 31^{16} + 5 \cdot 31^{17} + 19 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 3, 1, 1, 1) = 19 \cdot 31^{11} + 15 \cdot 31^{12} + 28 \cdot 31^{13} + 11 \cdot 31^{14} + 7 \cdot 31^{15} + 4 \cdot 31^{16} + 7 \cdot 31^{17} + 25 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 4) = 10 \cdot 31^{11} + 21 \cdot 31^{12} + 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 3, 1) = 9 \cdot 31^{12} + 19 \cdot 31^{13} + 19 \cdot 31^{14} + 21 \cdot 31^{15} + 6 \cdot 31^{16} + 25 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 2, 2) = 19 \cdot 31^{11} + 12 \cdot 31^{12} + 12 \cdot 31^{13} + 24 \cdot 31^{14} + 10 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 2, 1, 1) = 29 \cdot 31^{11} + 3 \cdot 31^{12} + 14 \cdot 31^{13} + 22 \cdot 31^{14} + 10 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 3) = 9 \cdot 31^{11} + 10 \cdot 31^{12} + 23 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 28 \cdot 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 2, 1) = 16 \cdot 31^{11} + 20 \cdot 31^{12} + 25 \cdot 31^{13} + 17 \cdot 31^{14} + 23 \cdot 31^{15} + 26 \cdot 31^{16} + 30 \cdot 31^{17} + 25 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 2) = 21 \cdot 31^{11} + 20 \cdot 31^{12} + 28 \cdot 31^{13} + 17 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 13 \cdot 31^{17} + 28 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 1, 1) = 26 \cdot 31^{11} + 13 \cdot 31^{12} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{17} + 30 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 5) = 28 \cdot 31^{11} + 20 \cdot 31^{12} + 3 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 30 \cdot 31^{16} + 18 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 4, 1) = 28 \cdot 31^{11} + 18 \cdot 31^{12} + 28 \cdot 31^{13} + 23 \cdot 31^{14} + 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 3, 2) = 12 \cdot 31^{11} + 3 \cdot 31^{12} + 11 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 16 \cdot 31^{16} + 11 \cdot 31^{17} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 3, 1, 1) = 16 \cdot 31^{11} + 8 \cdot 31^{12} + 8 \cdot 31^{13} + 2 \cdot 31^{14} + 29 \cdot 31^{15} + 4 \cdot 31^{16} + 18 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 3) = 3 \cdot 31^{11} + 25 \cdot 31^{12} + 10 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 2, 1) = 30 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 3 \cdot 31^{14} + 26 \cdot 31^{15} + 12 \cdot 31^{16} + 21 \cdot 31^{17} + 9 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 2) = 13 \cdot 31^{11} + 13 \cdot 31^{12} + 13 \cdot 31^{13} + 2 \cdot 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 9 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 1, 1) = 31^{11} + 5 \cdot 31^{12} + 30 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{16} + 9 \cdot 31^{17} + 2 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 4) = 26 \cdot 31^{11} + 11 \cdot 31^{12} + 30 \cdot 31^{13} + 6 \cdot 31^{14} + 10 \cdot 31^{15} + 27 \cdot 31^{16} + 4 \cdot 31^{17} + 8 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 3, 1) = 6 \cdot 31^{12} + 22 \cdot 31^{13} + 11 \cdot 31^{14} + 30 \cdot 31^{15} + 3 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 2) = 15 \cdot 31^{11} + 11 \cdot 31^{12} + 12 \cdot 31^{13} + 25 \cdot 31^{14} + 21 \cdot 31^{15} + 16 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 1, 1) = 6 \cdot 31^{11} + 22 \cdot 31^{12} + 31^{13} + 3 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 3) = 8 \cdot 31^{11} + 31^{12} + 21 \cdot 31^{13} + 22 \cdot 31^{14} + 11 \cdot 31^{15} + 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 2, 1) = 17 \cdot 31^{11} + 28 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 14 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 2) = 11 \cdot 31^{11} + 12 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 31^{12} + 6 \cdot 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 7) = 22 \cdot 31^{11} + 30 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 8 \cdot 31^{17} + 14 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 6, 1) = 30 \cdot 31^{11} + 12 \cdot 31^{12} + 25 \cdot 31^{13} + 24 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 5, 2) = 15 \cdot 31^{11} + 27 \cdot 31^{12} + 20 \cdot 31^{13} + 30 \cdot 31^{14} + 26 \cdot 31^{15} + 11 \cdot 31^{16} + 19 \cdot 31^{17} + 7 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 5, 1, 1) = 28 \cdot 31^{11} + 26 \cdot 31^{12} + 19 \cdot 31^{13} + 4 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 6 \cdot 31^{17} + 4 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 4, 3) = 28 \cdot 31^{11} + 14 \cdot 31^{12} + 30 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 4, 2, 1) = 14 \cdot 31^{11} + 4 \cdot 31^{12} + 8 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 27 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 4, 1, 2) = 7 \cdot 31^{12} + 16 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 9 \cdot 31^{17} + 16 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 4, 1, 1, 1) = 31^{11} + 2 \cdot 31^{12} + 6 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 13 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 4) = 29 \cdot 31^{11} + 24 \cdot 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{15} + 26 \cdot 31^{16} + 20 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 3, 1) = 16 \cdot 31^{11} + 26 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 9 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 2, 2) = 30 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 30 \cdot 31^{14} + 26 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 2, 1, 1) = 14 \cdot 31^{11} + 27 \cdot 31^{12} + 12 \cdot 31^{13} + 18 \cdot 31^{14} + 29 \cdot 31^{15} + 6 \cdot 31^{16} + 13 \cdot 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 3) = 11 \cdot 31^{11} + 23 \cdot 31^{12} + 21 \cdot 31^{13} + 15 \cdot 31^{14} + 12 \cdot 31^{15} + 16 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 2, 1) = 27 \cdot 31^{11} + 12 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 17 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 2) = 10 \cdot 31^{11} + 4 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 31^{17} + 27 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 1, 1) = 3 \cdot 31^{12} + 21 \cdot 31^{13} + 3 \cdot 31^{14} + 8 \cdot 31^{15} + 20 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 5) = 19 \cdot 31^{11} + 4 \cdot 31^{12} + 6 \cdot 31^{13} + 8 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 4, 1) = 4 \cdot 31^{11} + 12 \cdot 31^{12} + 3 \cdot 31^{13} + 3 \cdot 31^{14} + 18 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 8 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 3, 2) = 26 \cdot 31^{11} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 3, 1, 1) = 14 \cdot 31^{11} + 19 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 21 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 3) = 3 \cdot 31^{11} + 7 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 5 \cdot 31^{15} + 30 \cdot 31^{16} + 30 \cdot 31^{17} + 6 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 2, 1) = 19 \cdot 31^{11} + 29 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 31^{15} + 30 \cdot 31^{16} + 18 \cdot 31^{17} + 12 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 2) = 3 \cdot 31^{11} + 10 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 28 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 1, 1) = 17 \cdot 31^{11} + 10 \cdot 31^{12} + 25 \cdot 31^{13} + 8 \cdot 31^{14} + 8 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 4) = 30 \cdot 31^{11} + 5 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 30 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 3, 1) = 3 \cdot 31^{11} + 12 \cdot 31^{12} + 18 \cdot 31^{13} + 20 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 19 \cdot 31^{17} + 22 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 2) = 13 \cdot 31^{11} + 24 \cdot 31^{12} + 15 \cdot 31^{13} + 11 \cdot 31^{14} + 15 \cdot 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 1, 1) = 9 \cdot 31^{11} + 28 \cdot 31^{12} + 22 \cdot 31^{13} + 25 \cdot 31^{14} + 9 \cdot 31^{15} + 16 \cdot 31^{16} + 18 \cdot 31^{17} + 18 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 3) = 4 \cdot 31^{11} + 26 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 30 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 2, 1) = 25 \cdot 31^{11} + 9 \cdot 31^{12} + 12 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 22 \cdot 31^{16} + 29 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 2) = 17 \cdot 31^{11} + 4 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 21 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 10 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 26 \cdot 31^{11} + 18 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 6) = 29 \cdot 31^{11} + 14 \cdot 31^{12} + 11 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 5 \cdot 31^{16} + 28 \cdot 31^{17} + 13 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 5, 1) = 6 \cdot 31^{11} + 20 \cdot 31^{12} + 13 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 13 \cdot 31^{17} + 17 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 4, 2) = 15 \cdot 31^{11} + 27 \cdot 31^{12} + 20 \cdot 31^{13} + 30 \cdot 31^{14} + 26 \cdot 31^{15} + 11 \cdot 31^{16} + 19 \cdot 31^{17} + 7 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 4, 1, 1) = 11 \cdot 31^{12} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 7 \cdot 31^{15} + 21 \cdot 31^{16} + 9 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 3) = 7 \cdot 31^{11} + 31^{12} + 6 \cdot 31^{13} + 4 \cdot 31^{14} + 20 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 2, 1) = 19 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 26 \cdot 31^{15} + 24 \cdot 31^{16} + 23 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 2) = 30 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 23 \cdot 31^{15} + 7 \cdot 31^{16} + 5 \cdot 31^{17} + 7 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 1, 1) = 8 \cdot 31^{11} + 25 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 11 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 4) = 10 \cdot 31^{11} + 8 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 29 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 16 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 3, 1) = 18 \cdot 31^{11} + 28 \cdot 31^{12} + 15 \cdot 31^{13} + 7 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 6 \cdot 31^{17} + 18 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 2) = 27 \cdot 31^{11} + 21 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 24 \cdot 31^{17} + 23 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 1, 1) = 24 \cdot 31^{11} + 23 \cdot 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 3) = 11 \cdot 31^{11} + 19 \cdot 31^{12} + 28 \cdot 31^{13} + 22 \cdot 31^{14} + 30 \cdot 31^{15} + 23 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 2, 1) = 30 \cdot 31^{11} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 27 \cdot 31^{15} + 27 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 2) = 11 \cdot 31^{11} + 10 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 26 \cdot 31^{17} + 8 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 11 \cdot 31^{11} + 18 \cdot 31^{12} + 5 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 5) = 11 \cdot 31^{11} + 4 \cdot 31^{12} + 12 \cdot 31^{13} + 3 \cdot 31^{14} + 29 \cdot 31^{15} + 15 \cdot 31^{16} + 13 \cdot 31^{17} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 4, 1) = 17 \cdot 31^{11} + 28 \cdot 31^{14} + 17 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 11 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 2) = 29 \cdot 31^{11} + 18 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 1, 1) = 6 \cdot 31^{11} + 23 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 7 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 3) = 21 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 31^{14} + 27 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 2, 1) = 29 \cdot 31^{11} + 19 \cdot 31^{15} + 7 \cdot 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 2) = 11 \cdot 31^{11} + 10 \cdot 31^{12} + 4 \cdot 31^{13} + 8 \cdot 31^{14} + 17 \cdot 31^{15} + 2 \cdot 31^{16} + 13 \cdot 31^{17} + 21 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 27 \cdot 31^{11} + 17 \cdot 31^{12} + 17 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 9 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 4) = 8 \cdot 31^{11} + 11 \cdot 31^{12} + 17 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 3, 1) = 26 \cdot 31^{11} + 2 \cdot 31^{13} + 5 \cdot 31^{14} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 2, 2) = 13 \cdot 31^{11} + 23 \cdot 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 22 \cdot 31^{11} + 26 \cdot 31^{12} + 25 \cdot 31^{13} + 25 \cdot 31^{14} + 5 \cdot 31^{15} + 15 \cdot 31^{16} + 25 \cdot 31^{17} + 2 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 3) = 4 \cdot 31^{11} + 9 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 29 \cdot 31^{17} + 29 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 14 \cdot 31^{11} + 2 \cdot 31^{12} + 25 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 16 \cdot 31^{17} + 20 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 16 \cdot 31^{11} + 18 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 31^{11} + 25 \cdot 31^{12} + 29 \cdot 31^{13} + 20 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 10) = 11 \cdot 31^{11} + 18 \cdot 31^{12} + 5 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 9, 1) = 16 \cdot 31^{11} + 23 \cdot 31^{12} + 14 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 17 \cdot 31^{16} + 9 \cdot 31^{17} + 30 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 8, 2) = 4 \cdot 31^{11} + 9 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 29 \cdot 31^{17} + 29 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 8, 1, 1) = 25 \cdot 31^{11} + 2 \cdot 31^{12} + 18 \cdot 31^{13} + 9 \cdot 31^{15} + 19 \cdot 31^{16} + 25 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 7, 3) = 13 \cdot 31^{11} + 2 \cdot 31^{12} + 27 \cdot 31^{13} + 15 \cdot 31^{14} + 8 \cdot 31^{15} + 9 \cdot 31^{16} + 18 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 7, 2, 1) = 12 \cdot 31^{11} + 22 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 17 \cdot 31^{15} + 13 \cdot 31^{16} + 10 \cdot 31^{17} + 21 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 7, 1, 2) = 4 \cdot 31^{11} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 7, 1, 1, 1) = 16 \cdot 31^{11} + 16 \cdot 31^{12} + 19 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 8 \cdot 31^{16} + 20 \cdot 31^{17} + 15 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 6, 4) = 18 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 8 \cdot 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 23 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 6, 3, 1) = 10 \cdot 31^{11} + 19 \cdot 31^{12} + 18 \cdot 31^{13} + 16 \cdot 31^{14} + 19 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 6, 2, 2) = 5 \cdot 31^{11} + 8 \cdot 31^{12} + 30 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 6, 2, 1, 1) = 16 \cdot 31^{11} + 28 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 26 \cdot 31^{15} + 31^{16} + 13 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 6, 1, 3) = 30 \cdot 31^{11} + 3 \cdot 31^{12} + 18 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 23 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 6, 1, 2, 1) = 26 \cdot 31^{11} + 4 \cdot 31^{12} + 8 \cdot 31^{13} + 18 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 13 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 6, 1, 1, 2) = 2 \cdot 31^{11} + 2 \cdot 31^{12} + 10 \cdot 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 10 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 6, 1, 1, 1, 1) = 18 \cdot 31^{11} + 16 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 26 \cdot 31^{15} + 16 \cdot 31^{16} + 16 \cdot 31^{17} + 4 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 5, 5) = 22 \cdot 31^{11} + 26 \cdot 31^{12} + 12 \cdot 31^{13} + 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 12 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 5, 4, 1) = 4 \cdot 31^{11} + 16 \cdot 31^{12} + 8 \cdot 31^{13} + 18 \cdot 31^{14} + 2 \cdot 31^{15} + 15 \cdot 31^{16} + 20 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 5, 3, 2) = 8 \cdot 31^{11} + 31^{12} + 21 \cdot 31^{13} + 22 \cdot 31^{14} + 11 \cdot 31^{15} + 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 5, 3, 1, 1) = 20 \cdot 31^{11} + 4 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 30 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 5, 2, 3) = 31^{11} + 16 \cdot 31^{12} + 4 \cdot 31^{13} + 29 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 5, 2, 2, 1) = 12 \cdot 31^{11} + 28 \cdot 31^{12} + 3 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 5, 2, 1, 2) = 9 \cdot 31^{11} + 10 \cdot 31^{12} + 7 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 6 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 5, 2, 1, 1, 1) = 10 \cdot 31^{11} + 18 \cdot 31^{12} + 7 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 14 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 5, 1, 4) = 16 \cdot 31^{11} + 17 \cdot 31^{12} + 28 \cdot 31^{13} + 10 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 7 \cdot 31^{17} + 25 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 5, 1, 3, 1) = 4 \cdot 31^{11} + 6 \cdot 31^{12} + 24 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 5, 1, 2, 2) = 24 \cdot 31^{11} + 4 \cdot 31^{12} + 13 \cdot 31^{13} + 6 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 5, 1, 2, 1, 1) = 16 \cdot 31^{12} + 19 \cdot 31^{13} + 5 \cdot 31^{14} + 24 \cdot 31^{15} + 26 \cdot 31^{16} + 10 \cdot 31^{17} + 17 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 5, 1, 1, 3) = 24 \cdot 31^{11} + 5 \cdot 31^{12} + 10 \cdot 31^{13} + 5 \cdot 31^{15} + 9 \cdot 31^{16} + 2 \cdot 31^{17} + 12 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 5, 1, 1, 2, 1) = 19 \cdot 31^{11} + 12 \cdot 31^{12} + 20 \cdot 31^{13} + 19 \cdot 31^{14} + 30 \cdot 31^{15} + 30 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 5, 1, 1, 1, 2) = 7 \cdot 31^{11} + 11 \cdot 31^{12} + 14 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 24 \cdot 31^{16} + 3 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 5, 1, 1, 1, 1) = 16 \cdot 31^{11} + 11 \cdot 31^{12} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 2 \cdot 31^{17} + 27 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 6) = 7 \cdot 31^{11} + 4 \cdot 31^{12} + 8 \cdot 31^{13} + 29 \cdot 31^{14} + 15 \cdot 31^{15} + 31^{16} + 19 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 5, 1) = 14 \cdot 31^{11} + 4 \cdot 31^{12} + 20 \cdot 31^{13} + 11 \cdot 31^{14} + 30 \cdot 31^{15} + 26 \cdot 31^{16} + 31^{17} + 17 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 4, 2) = 4 \cdot 31^{11} + 26 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 30 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 4, 1, 1) = 7 \cdot 31^{11} + 10 \cdot 31^{12} + 6 \cdot 31^{13} + 19 \cdot 31^{14} + 19 \cdot 31^{15} + 12 \cdot 31^{16} + 13 \cdot 31^{17} + 11 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 3, 3) = 17 \cdot 31^{11} + 11 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 20 \cdot 31^{17} + 14 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 3, 2, 1) = 13 \cdot 31^{12} + 9 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 20 \cdot 31^{16} + 7 \cdot 31^{17} + 5 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 3, 1, 2) = 11 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 9 \cdot 31^{14} + 13 \cdot 31^{15} + 3 \cdot 31^{16} + 19 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 3, 1, 1) = 15 \cdot 31^{11} + 8 \cdot 31^{12} + 8 \cdot 31^{13} + 15 \cdot 31^{14} + 9 \cdot 31^{15} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 2, 4) = 16 \cdot 31^{11} + 18 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 25 \cdot 31^{15} + 30 \cdot 31^{16} + 2 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 2, 3, 1) = 17 \cdot 31^{11} + 5 \cdot 31^{12} + 27 \cdot 31^{13} + 10 \cdot 31^{14} + 22 \cdot 31^{15} + 27 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 2, 2, 2) = 9 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{14} + 13 \cdot 31^{15} + 14 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 2, 2, 1) = 23 \cdot 31^{11} + 8 \cdot 31^{12} + 30 \cdot 31^{13} + 29 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 3 \cdot 31^{17} + 15 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 2, 1, 3) = 9 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{15} + 9 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 2, 1, 2, 1) = 10 \cdot 31^{11} + 30 \cdot 31^{12} + 7 \cdot 31^{13} + 21 \cdot 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 18 \cdot 31^{17} + 2 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 2, 1, 1, 2) = 15 \cdot 31^{11} + 28 \cdot 31^{12} + 13 \cdot 31^{13} + 31^{14} + 14 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 2 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 2, 1, 1, 1) = 31^{11} + 24 \cdot 31^{12} + 26 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 18 \cdot 31^{16} + 21 \cdot 31^{17} + 6 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 5) = 22 \cdot 31^{11} + 31^{12} + 21 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 25 \cdot 31^{17} + 9 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 4, 1) = 4 \cdot 31^{11} + 3 \cdot 31^{12} + 6 \cdot 31^{13} + 17 \cdot 31^{15} + 22 \cdot 31^{16} + 18 \cdot 31^{17} + 17 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 3, 2) = 17 \cdot 31^{11} + 19 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 3, 1) = 19 \cdot 31^{11} + 17 \cdot 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{14} + 11 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 2, 3) = 6 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 23 \cdot 31^{15} + 13 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 2, 2, 1) = 5 \cdot 31^{11} + 26 \cdot 31^{12} + 20 \cdot 31^{13} + 23 \cdot 31^{14} + 12 \cdot 31^{15} + 12 \cdot 31^{16} + 9 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 2, 1, 2) = 2 \cdot 31^{11} + 4 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 23 \cdot 31^{15} + 8 \cdot 31^{16} + 5 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 2, 1, 1) = 28 \cdot 31^{11} + 5 \cdot 31^{12} + 15 \cdot 31^{13} + 28 \cdot 31^{14} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 27 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 4) = 21 \cdot 31^{11} + 6 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 30 \cdot 31^{15} + 4 \cdot 31^{16} + 28 \cdot 31^{17} + 30 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 3, 1) = 21 \cdot 31^{11} + 31^{12} + 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 27 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 2, 2) = 22 \cdot 31^{11} + 12 \cdot 31^{12} + 22 \cdot 31^{13} + 25 \cdot 31^{14} + 19 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 2, 1) = 4 \cdot 31^{11} + 4 \cdot 31^{12} + 28 \cdot 31^{13} + 9 \cdot 31^{14} + 14 \cdot 31^{15} + 28 \cdot 31^{16} + 15 \cdot 31^{17} + 16 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 3) = 24 \cdot 31^{11} + 5 \cdot 31^{12} + 10 \cdot 31^{13} + 5 \cdot 31^{15} + 9 \cdot 31^{16} + 2 \cdot 31^{17} + 12 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 2, 1) = 20 \cdot 31^{11} + 26 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 2) = 15 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 1, 1) = 18 \cdot 31^{11} + 27 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 8 \cdot 31^{17} + 20 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 7) = 2 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 8 \cdot 31^{16} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 6, 1) = 5 \cdot 31^{11} + 23 \cdot 31^{12} + 18 \cdot 31^{13} + 14 \cdot 31^{14} + 27 \cdot 31^{15} + 14 \cdot 31^{16} + 2 \cdot 31^{17} + 6 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 5, 2) = 11 \cdot 31^{11} + 19 \cdot 31^{12} + 28 \cdot 31^{13} + 22 \cdot 31^{14} + 30 \cdot 31^{15} + 23 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 5, 1, 1) = 31^{11} + 6 \cdot 31^{12} + 7 \cdot 31^{13} + 28 \cdot 31^{14} + 8 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 17 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 4, 3) = 26 \cdot 31^{11} + 27 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 4, 2, 1) = 23 \cdot 31^{11} + 22 \cdot 31^{12} + 2 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 20 \cdot 31^{17} + 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 4, 1, 2) = 7 \cdot 31^{11} + 30 \cdot 31^{12} + 6 \cdot 31^{13} + 6 \cdot 31^{14} + 4 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 4, 1, 1, 1) = 20 \cdot 31^{11} + 24 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 3, 4) = 18 \cdot 31^{11} + 9 \cdot 31^{12} + 20 \cdot 31^{13} + 12 \cdot 31^{15} + 6 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 3, 3, 1) = 5 \cdot 31^{11} + 11 \cdot 31^{12} + 6 \cdot 31^{13} + 6 \cdot 31^{14} + 30 \cdot 31^{15} + 27 \cdot 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 3, 2, 2) = 25 \cdot 31^{11} + 20 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 26 \cdot 31^{16} + 5 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 3, 2, 1, 1) = 22 \cdot 31^{11} + 9 \cdot 31^{12} + 19 \cdot 31^{13} + 3 \cdot 31^{15} + 17 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 3, 1, 3) = 9 \cdot 31^{11} + 5 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 3, 1, 2, 1) = 17 \cdot 31^{11} + 19 \cdot 31^{12} + 7 \cdot 31^{13} + 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 13 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 3, 1, 1, 2) = 20 \cdot 31^{11} + 3 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 2 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 12 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 3, 1, 1, 1, 1) = 8 \cdot 31^{11} + 3 \cdot 31^{12} + 4 \cdot 31^{13} + 10 \cdot 31^{14} + 18 \cdot 31^{15} + 9 \cdot 31^{16} + 2 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 5) = 18 \cdot 31^{11} + 25 \cdot 31^{12} + 26 \cdot 31^{13} + 26 \cdot 31^{14} + 28 \cdot 31^{15} + 18 \cdot 31^{16} + 10 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 4, 1) = 3 \cdot 31^{11} + 28 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 28 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 3, 2) = 9 \cdot 31^{11} + 10 \cdot 31^{12} + 23 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 28 \cdot 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 3, 1, 1) = 18 \cdot 31^{11} + 7 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 2 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 2, 3) = 22 \cdot 31^{11} + 24 \cdot 31^{12} + 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 26 \cdot 31^{16} + 12 \cdot 31^{17} + 14 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 2, 2, 1) = 3 \cdot 31^{11} + 11 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 28 \cdot 31^{15} + 21 \cdot 31^{16} + 19 \cdot 31^{17} + 10 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 2, 1, 2) = 30 \cdot 31^{11} + 25 \cdot 31^{12} + 23 \cdot 31^{13} + 12 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 2, 1, 1, 1) = 11 \cdot 31^{11} + 11 \cdot 31^{12} + 9 \cdot 31^{13} + 6 \cdot 31^{14} + 2 \cdot 31^{15} + 13 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 4) = 10 \cdot 31^{11} + 15 \cdot 31^{12} + 4 \cdot 31^{13} + 16 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 3 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 3, 1) = 24 \cdot 31^{11} + 19 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 2, 2) = 3 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 22 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 2, 1, 1) = 17 \cdot 31^{11} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 9 \cdot 31^{15} + 10 \cdot 31^{16} + 5 \cdot 31^{17} + 28 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 3) = 9 \cdot 31^{11} + 9 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{15} + 9 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 2, 1) = 24 \cdot 31^{11} + 15 \cdot 31^{12} + 11 \cdot 31^{13} + 15 \cdot 31^{14} + 6 \cdot 31^{15} + 30 \cdot 31^{16} + 18 \cdot 31^{17} + 28 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 2) = 28 \cdot 31^{11} + 3 \cdot 31^{12} + 13 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 18 \cdot 31^{17} + 11 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 1) = 25 \cdot 31^{11} + 22 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 30 \cdot 31^{15} + 17 \cdot 31^{16} + 5 \cdot 31^{17} + 25 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 6) = 12 \cdot 31^{11} + 15 \cdot 31^{12} + 30 \cdot 31^{13} + 29 \cdot 31^{15} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 5, 1) = 24 \cdot 31^{11} + 8 \cdot 31^{12} + 9 \cdot 31^{13} + 6 \cdot 31^{14} + 3 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 4, 2) = 11 \cdot 31^{11} + 23 \cdot 31^{12} + 21 \cdot 31^{13} + 15 \cdot 31^{14} + 12 \cdot 31^{15} + 16 \cdot 31^{16} + 31 \cdot 31^{17} + 9 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 4, 1, 1) = 10 \cdot 31^{11} + 25 \cdot 31^{12} + 16 \cdot 31^{14} + 13 \cdot 31^{15} + 2 \cdot 31^{16} + 6 \cdot 31^{17} + 27 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 3, 3) = 20 \cdot 31^{11} + 23 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 27 \cdot 31^{17} + 4 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 3, 2, 1) = 16 \cdot 31^{12} + 24 \cdot 31^{13} + 6 \cdot 31^{14} + 23 \cdot 31^{15} + 14 \cdot 31^{16} + 11 \cdot 31^{17} + 8 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 3, 1, 2) = 23 \cdot 31^{11} + 27 \cdot 31^{12} + 15 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 15 \cdot 31^{17} + 14 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 3, 1, 1, 1) = 31^{11} + 9 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 18 \cdot 31^{15} + 7 \cdot 31^{16} + 27 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 4) = 24 \cdot 31^{11} + 22 \cdot 31^{12} + 6 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 29 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 3, 1) = 19 \cdot 31^{11} + 18 \cdot 31^{12} + 10 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{17} + 15 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 2, 2) = 12 \cdot 31^{11} + 12 \cdot 31^{12} + 16 \cdot 31^{13} + 4 \cdot 31^{15} + 18 \cdot 31^{16} + 8 \cdot 31^{17} + 2 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 2, 1, 1) = 28 \cdot 31^{11} + 4 \cdot 31^{12} + 23 \cdot 31^{13} + 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 20 \cdot 31^{17} + 18 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 3) = 9 \cdot 31^{11} + 5 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 2, 1) = 22 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 22 \cdot 31^{17} + 21 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 2) = 6 \cdot 31^{11} + 6 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 24 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 1, 1) = 24 \cdot 31^{11} + 29 \cdot 31^{12} + 11 \cdot 31^{13} + 17 \cdot 31^{14} + 7 \cdot 31^{15} + 2 \cdot 31^{16} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 5) = 14 \cdot 31^{11} + 17 \cdot 31^{12} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 4, 1) = 24 \cdot 31^{11} + 4 \cdot 31^{12} + 22 \cdot 31^{13} + 9 \cdot 31^{14} + 12 \cdot 31^{15} + 23 \cdot 31^{16} + 18 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 3, 2) = 19 \cdot 31^{11} + 2 \cdot 31^{12} + 4 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 3, 1, 1) = 16 \cdot 31^{11} + 12 \cdot 31^{12} + 19 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 4 \cdot 31^{16} + 31^{17} + 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 3) = 26 \cdot 31^{11} + 27 \cdot 31^{12} + 13 \cdot 31^{13} + 21 \cdot 31^{14} + 3 \cdot 31^{15} + 5 \cdot 31^{16} + 6 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 2, 1) = 17 \cdot 31^{11} + 16 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 6 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 12 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 2) = 9 \cdot 31^{11} + 21 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 1, 1) = 18 \cdot 31^{11} + 28 \cdot 31^{12} + 21 \cdot 31^{13} + 11 \cdot 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 20 \cdot 31^{17} + 12 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 4) = 14 \cdot 31^{11} + 7 \cdot 31^{12} + 31^{13} + 28 \cdot 31^{14} + 23 \cdot 31^{15} + 5 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 3, 1) = 21 \cdot 31^{11} + 12 \cdot 31^{12} + 10 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 2 \cdot 31^{16} + 23 \cdot 31^{17} + 26 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 2) = 28 \cdot 31^{11} + 22 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 27 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 20 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 1, 1) = 13 \cdot 31^{11} + 19 \cdot 31^{12} + 18 \cdot 31^{13} + 6 \cdot 31^{14} + 22 \cdot 31^{15} + 6 \cdot 31^{16} + 16 \cdot 31^{17} + 2 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 3) = 30 \cdot 31^{11} + 3 \cdot 31^{12} + 18 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 23 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 2, 1) = 14 \cdot 31^{11} + 18 \cdot 31^{12} + 4 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 12 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 2) = 14 \cdot 31^{11} + 4 \cdot 31^{12} + 9 \cdot 31^{13} + 21 \cdot 31^{14} + 21 \cdot 31^{15} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 29 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 3 \cdot 31^{11} + 3 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 18 \cdot 31^{15} + 9 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 8) = 18 \cdot 31^{11} + 7 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 8 \cdot 31^{15} + 18 \cdot 31^{16} + 31^{17} + 14 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 7, 1) = 4 \cdot 31^{11} + 19 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 6, 2) = 21 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 31^{14} + 27 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 6, 1, 1) = 4 \cdot 31^{11} + 11 \cdot 31^{12} + 20 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{17} + 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 5, 3) = 7 \cdot 31^{11} + 4 \cdot 31^{12} + 31^{13} + 6 \cdot 31^{14} + 28 \cdot 31^{15} + 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 5, 2, 1) = 20 \cdot 31^{11} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 3 \cdot 31^{15} + 9 \cdot 31^{16} + 24 \cdot 31^{17} + 23 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 5, 1, 2) = 11 \cdot 31^{11} + 11 \cdot 31^{12} + 14 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 6 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 5, 1, 1, 1) = 31^{11} + 30 \cdot 31^{12} + 3 \cdot 31^{13} + 14 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 15 \cdot 31^{17} + 21 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 4, 4) = 4 \cdot 31^{12} + 12 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 14 \cdot 31^{16} + 28 \cdot 31^{17} + 27 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 4, 3, 1) = 17 \cdot 31^{11} + 26 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 23 \cdot 31^{15} + 8 \cdot 31^{16} + 29 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 4, 2, 2) = 31^{11} + 10 \cdot 31^{12} + 24 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 16 \cdot 31^{17} + 10 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 4, 2, 1, 1) = 16 \cdot 31^{11} + 19 \cdot 31^{12} + 29 \cdot 31^{14} + 31^{15} + 2 \cdot 31^{16} + 11 \cdot 31^{17} + 11 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 4, 1, 3) = 26 \cdot 31^{11} + 27 \cdot 31^{12} + 13 \cdot 31^{13} + 21 \cdot 31^{14} + 3 \cdot 31^{15} + 5 \cdot 31^{16} + 6 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 4, 1, 2, 1) = 17 \cdot 31^{11} + 6 \cdot 31^{12} + 29 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 2 \cdot 31^{16} + 11 \cdot 31^{17} + 25 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 4, 1, 1, 2) = 25 \cdot 31^{11} + 3 \cdot 31^{12} + 2 \cdot 31^{13} + 17 \cdot 31^{14} + 21 \cdot 31^{15} + 4 \cdot 31^{16} + 27 \cdot 31^{17} + 23 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 4, 1, 1, 1, 1) = 3 \cdot 31^{11} + 18 \cdot 31^{12} + 31^{13} + 22 \cdot 31^{14} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 5) = 27 \cdot 31^{11} + 18 \cdot 31^{12} + 18 \cdot 31^{13} + 4 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 8 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 4, 1) = 9 \cdot 31^{11} + 15 \cdot 31^{12} + 31^{13} + 19 \cdot 31^{14} + 22 \cdot 31^{15} + 31^{16} + 13 \cdot 31^{17} + 20 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 3, 2) = 3 \cdot 31^{11} + 25 \cdot 31^{12} + 10 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 3, 1, 1) = 4 \cdot 31^{11} + 19 \cdot 31^{12} + 15 \cdot 31^{13} + 13 \cdot 31^{14} + 14 \cdot 31^{15} + 17 \cdot 31^{16} + 16 \cdot 31^{17} + 2 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 2, 3) = 22 \cdot 31^{11} + 19 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 25 \cdot 31^{16} + 4 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 2, 2, 1) = 6 \cdot 31^{11} + 22 \cdot 31^{12} + 30 \cdot 31^{13} + 10 \cdot 31^{14} + 30 \cdot 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 2, 1, 2) = 22 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 17 \cdot 31^{14} + 28 \cdot 31^{15} + 29 \cdot 31^{16} + 30 \cdot 31^{17} + 23 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 2, 1, 1, 1) = 24 \cdot 31^{11} + 18 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 16 \cdot 31^{15} + 2 \cdot 31^{16} + 11 \cdot 31^{17} + 10 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 4) = 2 \cdot 31^{11} + 24 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 28 \cdot 31^{15} + 22 \cdot 31^{16} + 9 \cdot 31^{17} + 24 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 3, 1) = 4 \cdot 31^{11} + 29 \cdot 31^{12} + 30 \cdot 31^{13} + 10 \cdot 31^{15} + 16 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 2, 2) = 30 \cdot 31^{11} + 14 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 2, 1, 1) = 6 \cdot 31^{11} + 5 \cdot 31^{12} + 16 \cdot 31^{13} + 18 \cdot 31^{14} + 31^{15} + 16 \cdot 31^{16} + 14 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 3) = 6 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 23 \cdot 31^{15} + 13 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 2, 1) = 9 \cdot 31^{11} + 12 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 19 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 27 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 2) = 12 \cdot 31^{11} + 18 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 9 \cdot 31^{15} + 5 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 1, 1) = 22 \cdot 31^{11} + 3 \cdot 31^{12} + 18 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 2 \cdot 31^{16} + 9 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 6) = 12 \cdot 31^{11} + 15 \cdot 31^{12} + 24 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 5 \cdot 31^{17} + 13 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 5, 1) = 28 \cdot 31^{11} + 5 \cdot 31^{12} + 22 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 4, 2) = 3 \cdot 31^{11} + 7 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 5 \cdot 31^{15} + 30 \cdot 31^{16} + 30 \cdot 31^{17} + 6 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 4, 1, 1) = 20 \cdot 31^{11} + 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 4 \cdot 31^{16} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 3, 3) = 5 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 20 \cdot 31^{14} + 30 \cdot 31^{15} + 14 \cdot 31^{16} + 8 \cdot 31^{17} + 3 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 3, 2, 1) = 13 \cdot 31^{11} + 19 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 5 \cdot 31^{15} + 13 \cdot 31^{16} + 11 \cdot 31^{17} + 10 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 3, 1, 2) = 3 \cdot 31^{11} + 27 \cdot 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 3 \cdot 31^{16} + 27 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 3, 1, 1, 1) = 11 \cdot 31^{11} + 2 \cdot 31^{12} + 8 \cdot 31^{13} + 6 \cdot 31^{14} + 18 \cdot 31^{15} + 19 \cdot 31^{16} + 2 \cdot 31^{17} + 6 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 4) = 2 \cdot 31^{11} + 29 \cdot 31^{12} + 10 \cdot 31^{13} + 13 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 3, 1) = 12 \cdot 31^{11} + 24 \cdot 31^{12} + 12 \cdot 31^{13} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 23 \cdot 31^{17} + 2 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 2, 2) = 8 \cdot 31^{11} + 6 \cdot 31^{12} + 2 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 28 \cdot 31^{16} + 15 \cdot 31^{17} + 5 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 2, 1, 1) = 18 \cdot 31^{11} + 7 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 3) = 22 \cdot 31^{11} + 24 \cdot 31^{12} + 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 26 \cdot 31^{16} + 12 \cdot 31^{17} + 14 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 2, 1) = 22 \cdot 31^{11} + 22 \cdot 31^{12} + 23 \cdot 31^{13} + 11 \cdot 31^{14} + 20 \cdot 31^{15} + 23 \cdot 31^{16} + 7 \cdot 31^{17} + 22 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 2) = 3 \cdot 31^{11} + 9 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 18 \cdot 31^{16} + 7 \cdot 31^{17} + 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 1, 1) = 5 \cdot 31^{11} + 8 \cdot 31^{12} + 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{16} + 31^{17} + 29 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 5) = 3 \cdot 31^{11} + 19 \cdot 31^{12} + 14 \cdot 31^{13} + 22 \cdot 31^{14} + 7 \cdot 31^{15} + 31^{16} + 21 \cdot 31^{17} + 2 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 4, 1) = 5 \cdot 31^{11} + 31^{12} + 16 \cdot 31^{13} + 27 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 24 \cdot 31^{17} + 13 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 3, 2) = 16 \cdot 31^{11} + 25 \cdot 31^{12} + 24 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 3, 1, 1) = 27 \cdot 31^{11} + 8 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 3) = 22 \cdot 31^{11} + 19 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 25 \cdot 31^{16} + 4 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 2, 1) = 4 \cdot 31^{11} + 17 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 4 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 2) = 19 \cdot 31^{11} + 11 \cdot 31^{12} + 31^{13} + 3 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{17} + 6 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 1, 1) = 2 \cdot 31^{11} + 16 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 30 \cdot 31^{15} + 30 \cdot 31^{16} + 11 \cdot 31^{17} + 10 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 4) = 8 \cdot 31^{11} + 12 \cdot 31^{12} + 30 \cdot 31^{13} + 19 \cdot 31^{14} + 2 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 3, 1) = 27 \cdot 31^{11} + 30 \cdot 31^{12} + 5 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 30 \cdot 31^{16} + 9 \cdot 31^{17} + 21 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 2) = 11 \cdot 31^{11} + 12 \cdot 31^{12} + 13 \cdot 31^{13} + 19 \cdot 31^{14} + 6 \cdot 31^{15} + 9 \cdot 31^{16} + 14 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 1, 1) = 15 \cdot 31^{11} + 30 \cdot 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 30 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 3) = 31^{11} + 16 \cdot 31^{12} + 4 \cdot 31^{13} + 29 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 2, 1) = 24 \cdot 31^{11} + 14 \cdot 31^{12} + 16 \cdot 31^{13} + 29 \cdot 31^{14} + 16 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 2) = 20 \cdot 31^{11} + 26 \cdot 31^{12} + 6 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 26 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 31^{11} + 25 \cdot 31^{12} + 30 \cdot 31^{13} + 21 \cdot 31^{14} + 25 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 7) = 5 \cdot 31^{11} + 3 \cdot 31^{12} + 24 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 6, 1) = 9 \cdot 31^{11} + 5 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 23 \cdot 31^{16} + 17 \cdot 31^{17} + 21 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 5, 2) = 7 \cdot 31^{11} + 31^{12} + 6 \cdot 31^{13} + 4 \cdot 31^{14} + 20 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 5, 1, 1) = 26 \cdot 31^{11} + 22 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 21 \cdot 31^{15} + 18 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 20 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 4, 3) = 28 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 6 \cdot 31^{17} + 10 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 4, 2, 1) = 20 \cdot 31^{11} + 2 \cdot 31^{12} + 22 \cdot 31^{13} + 18 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 4, 1, 2) = 4 \cdot 31^{11} + 8 \cdot 31^{12} + 8 \cdot 31^{13} + 20 \cdot 31^{14} + 11 \cdot 31^{15} + 23 \cdot 31^{16} + 14 \cdot 31^{17} + 21 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 4, 1, 1, 1) = 29 \cdot 31^{11} + 7 \cdot 31^{12} + 13 \cdot 31^{13} + 21 \cdot 31^{14} + 26 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 29 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 4) = 2 \cdot 31^{11} + 13 \cdot 31^{13} + 22 \cdot 31^{14} + 14 \cdot 31^{15} + 17 \cdot 31^{16} + 16 \cdot 31^{17} + 16 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 3, 1) = 4 \cdot 31^{11} + 31^{12} + 18 \cdot 31^{13} + 3 \cdot 31^{14} + 25 \cdot 31^{15} + 13 \cdot 31^{16} + 29 \cdot 31^{17} + 9 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 2, 2) = 16 \cdot 31^{11} + 5 \cdot 31^{12} + 15 \cdot 31^{13} + 12 \cdot 31^{14} + 18 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 2, 1, 1) = 23 \cdot 31^{11} + 23 \cdot 31^{12} + 23 \cdot 31^{13} + 13 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 22 \cdot 31^{17} + 19 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 3) = 20 \cdot 31^{11} + 23 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 27 \cdot 31^{17} + 4 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 2, 1) = 3 \cdot 31^{11} + 24 \cdot 31^{12} + 9 \cdot 31^{13} + 8 \cdot 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 16 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 2) = 31^{11} + 28 \cdot 31^{12} + 19 \cdot 31^{13} + 25 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 16 \cdot 31^{17} + 10 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 1, 1) = 9 \cdot 31^{11} + 27 \cdot 31^{12} + 29 \cdot 31^{13} + 16 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 30 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 5) = 18 \cdot 31^{11} + 30 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 7 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 4, 1) = 29 \cdot 31^{11} + 9 \cdot 31^{12} + 26 \cdot 31^{13} + 4 \cdot 31^{14} + 12 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 3, 2) = 2 \cdot 31^{11} + 11 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 26 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 3, 1, 1) = 13 \cdot 31^{11} + 27 \cdot 31^{12} + 21 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 18 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 3) = 5 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 20 \cdot 31^{14} + 30 \cdot 31^{15} + 14 \cdot 31^{16} + 8 \cdot 31^{17} + 3 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 2, 1) = 5 \cdot 31^{11} + 11 \cdot 31^{12} + 20 \cdot 31^{13} + 11 \cdot 31^{14} + 30 \cdot 31^{15} + 17 \cdot 31^{16} + 8 \cdot 31^{17} + 27 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 2) = 5 \cdot 31^{11} + 23 \cdot 31^{12} + 29 \cdot 31^{13} + 19 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 1, 1) = 30 \cdot 31^{11} + 28 \cdot 31^{12} + 23 \cdot 31^{13} + 22 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 20 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 4) = 3 \cdot 31^{11} + 27 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 3, 1) = 11 \cdot 31^{11} + 4 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 2) = 23 \cdot 31^{11} + 3 \cdot 31^{12} + 25 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 20 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 1, 1) = 7 \cdot 31^{11} + 25 \cdot 31^{12} + 10 \cdot 31^{13} + 22 \cdot 31^{14} + 26 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 4 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 3) = 17 \cdot 31^{11} + 11 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 20 \cdot 31^{17} + 14 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 2, 1) = 30 \cdot 31^{12} + 16 \cdot 31^{13} + 9 \cdot 31^{14} + 31^{15} + 14 \cdot 31^{16} + 2 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 2) = 16 \cdot 31^{11} + 25 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 29 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 23 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 8 \cdot 31^{14} + 23 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 10 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 6) = 21 \cdot 31^{11} + 20 \cdot 31^{12} + 29 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 5, 1) = 5 \cdot 31^{11} + 4 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 21 \cdot 31^{15} + 4 \cdot 31^{16} + 15 \cdot 31^{17} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 4, 2) = 28 \cdot 31^{11} + 14 \cdot 31^{12} + 30 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 4, 1, 1) = 23 \cdot 31^{12} + 17 \cdot 31^{15} + 16 \cdot 31^{16} + 19 \cdot 31^{17} + 30 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 3) = 28 \cdot 31^{11} + 5 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 6 \cdot 31^{17} + 10 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 2, 1) = 27 \cdot 31^{11} + 30 \cdot 31^{12} + 27 \cdot 31^{13} + 6 \cdot 31^{14} + 4 \cdot 31^{15} + 2 \cdot 31^{16} + 6 \cdot 31^{17} + 17 \cdot 31^{18} + 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 2) = 3 \cdot 31^{11} + 7 \cdot 31^{12} + 8 \cdot 31^{13} + 3 \cdot 31^{14} + 15 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 15 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 1) = 22 \cdot 31^{11} + 15 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 10 \cdot 31^{15} + 11 \cdot 31^{16} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 4) = 11 \cdot 31^{11} + 29 \cdot 31^{12} + 30 \cdot 31^{13} + 4 \cdot 31^{14} + 4 \cdot 31^{15} + 13 \cdot 31^{17} + 16 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 3, 1) = 15 \cdot 31^{11} + 8 \cdot 31^{12} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 14 \cdot 31^{16} + 3 \cdot 31^{17} + 19 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 2) = 29 \cdot 31^{11} + 30 \cdot 31^{12} + 26 \cdot 31^{13} + 22 \cdot 31^{14} + 10 \cdot 31^{15} + 18 \cdot 31^{16} + 4 \cdot 31^{17} + 20 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 1, 1) = 26 \cdot 31^{11} + 16 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 16 \cdot 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 27 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 3) = 26 \cdot 31^{11} + 27 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 2, 1) = 2 \cdot 31^{11} + 17 \cdot 31^{12} + 19 \cdot 31^{13} + 17 \cdot 31^{14} + 28 \cdot 31^{15} + 17 \cdot 31^{16} + 19 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 2) = 9 \cdot 31^{11} + 27 \cdot 31^{12} + 7 \cdot 31^{13} + 22 \cdot 31^{14} + 6 \cdot 31^{15} + 18 \cdot 31^{16} + 25 \cdot 31^{17} + 2 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 6 \cdot 31^{11} + 9 \cdot 31^{12} + 24 \cdot 31^{13} + 28 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 5) = 7 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 4, 1) = 26 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 18 \cdot 31^{15} + 5 \cdot 31^{16} + 15 \cdot 31^{17} + 19 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 2) = 8 \cdot 31^{11} + 22 \cdot 31^{12} + 31^{13} + 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 18 \cdot 31^{17} + 8 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 1, 1) = 23 \cdot 31^{11} + 19 \cdot 31^{13} + 15 \cdot 31^{14} + 29 \cdot 31^{15} + 18 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 3) = 7 \cdot 31^{11} + 4 \cdot 31^{12} + 31^{13} + 6 \cdot 31^{14} + 28 \cdot 31^{15} + 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 2, 1) = 13 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 31^{14} + 22 \cdot 31^{15} + 18 \cdot 31^{17} + 9 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 2) = 3 \cdot 31^{11} + 20 \cdot 31^{12} + 24 \cdot 31^{13} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 19 \cdot 31^{11} + 11 \cdot 31^{12} + 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 26 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 4) = 20 \cdot 31^{11} + 9 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 7 \cdot 31^{15} + 2 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 3, 1) = 10 \cdot 31^{11} + 20 \cdot 31^{12} + 16 \cdot 31^{13} + 16 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 31^{17} + 9 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 2) = 13 \cdot 31^{11} + 27 \cdot 31^{12} + 15 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 2 \cdot 31^{11} + 17 \cdot 31^{12} + 4 \cdot 31^{13} + 8 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 22 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 3) = 13 \cdot 31^{11} + 2 \cdot 31^{12} + 27 \cdot 31^{13} + 15 \cdot 31^{14} + 8 \cdot 31^{15} + 9 \cdot 31^{16} + 18 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 22 \cdot 31^{11} + 26 \cdot 31^{12} + 25 \cdot 31^{13} + 25 \cdot 31^{14} + 5 \cdot 31^{15} + 15 \cdot 31^{16} + 25 \cdot 31^{17} + 2 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 22 \cdot 31^{11} + 17 \cdot 31^{12} + 2 \cdot 31^{13} + 22 \cdot 31^{14} + 12 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 6 \cdot 31^{11} + 10 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 9) = 8 \cdot 31^{11} + 24 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 8, 1) = 29 \cdot 31^{11} + 14 \cdot 31^{12} + 23 \cdot 31^{13} + 4 \cdot 31^{14} + 31^{15} + 5 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 7, 2) = 8 \cdot 31^{11} + 11 \cdot 31^{12} + 17 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 7, 1, 1) = 30 \cdot 31^{11} + 14 \cdot 31^{12} + 7 \cdot 31^{13} + 16 \cdot 31^{14} + 4 \cdot 31^{15} + 5 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 6, 3) = 20 \cdot 31^{11} + 9 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 7 \cdot 31^{15} + 2 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 6, 2, 1) = 26 \cdot 31^{11} + 7 \cdot 31^{12} + 15 \cdot 31^{13} + 9 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 13 \cdot 31^{17} + 3 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 6, 1, 2) = 18 \cdot 31^{11} + 14 \cdot 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 6, 1, 1) = 2 \cdot 31^{11} + 23 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 2 \cdot 31^{15} + 11 \cdot 31^{17} + 8 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 5, 4) = 15 \cdot 31^{11} + 28 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 15 \cdot 31^{15} + 13 \cdot 31^{16} + 18 \cdot 31^{17} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 5, 3, 1) = 29 \cdot 31^{11} + 30 \cdot 31^{12} + 27 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 5, 2, 2) = 14 \cdot 31^{11} + 12 \cdot 31^{12} + 27 \cdot 31^{13} + 9 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 5, 2, 1, 1) = 11 \cdot 31^{11} + 20 \cdot 31^{12} + 24 \cdot 31^{13} + 30 \cdot 31^{14} + 13 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 26 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 5, 1, 3) = 14 \cdot 31^{11} + 7 \cdot 31^{12} + 31^{13} + 28 \cdot 31^{14} + 23 \cdot 31^{15} + 5 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 5, 1, 2, 1) = 18 \cdot 31^{11} + 9 \cdot 31^{12} + 3 \cdot 31^{13} + 20 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 5, 1, 1, 2) = 16 \cdot 31^{11} + 20 \cdot 31^{12} + 29 \cdot 31^{13} + 21 \cdot 31^{14} + 7 \cdot 31^{15} + 13 \cdot 31^{16} + 12 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 5, 1, 1, 1, 1) = 21 \cdot 31^{11} + 27 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 8 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 12 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 5) = 5 \cdot 31^{11} + 5 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 14 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 4, 1) = 14 \cdot 31^{11} + 31^{12} + 18 \cdot 31^{13} + 5 \cdot 31^{14} + 3 \cdot 31^{15} + 24 \cdot 31^{16} + 13 \cdot 31^{17} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 3, 2) = 26 \cdot 31^{11} + 11 \cdot 31^{12} + 30 \cdot 31^{13} + 6 \cdot 31^{14} + 10 \cdot 31^{15} + 27 \cdot 31^{16} + 4 \cdot 31^{17} + 8 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 3, 1, 1) = 9 \cdot 31^{11} + 9 \cdot 31^{12} + 31^{13} + 15 \cdot 31^{14} + 12 \cdot 31^{15} + 16 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 2, 3) = 8 \cdot 31^{11} + 12 \cdot 31^{12} + 30 \cdot 31^{13} + 19 \cdot 31^{14} + 2 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 24 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 2, 2, 1) = 13 \cdot 31^{11} + 7 \cdot 31^{12} + 9 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 10 \cdot 31^{16} + 15 \cdot 31^{17} + 15 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 2, 1, 2) = 25 \cdot 31^{11} + 26 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 4 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 2, 1, 1, 1) = 20 \cdot 31^{11} + 5 \cdot 31^{12} + 17 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 10 \cdot 31^{16} + 28 \cdot 31^{17} + 24 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 4) = 28 \cdot 31^{11} + 25 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 22 \cdot 31^{15} + 8 \cdot 31^{16} + 22 \cdot 31^{17} + 9 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 3, 1) = 7 \cdot 31^{11} + 13 \cdot 31^{12} + 3 \cdot 31^{13} + 30 \cdot 31^{14} + 25 \cdot 31^{15} + 16 \cdot 31^{16} + 13 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 2, 2) = 26 \cdot 31^{11} + 13 \cdot 31^{12} + 27 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 30 \cdot 31^{17} + 13 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 2, 1, 1) = 12 \cdot 31^{11} + 29 \cdot 31^{12} + 18 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 18 \cdot 31^{16} + 4 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 3) = 21 \cdot 31^{11} + 6 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 30 \cdot 31^{15} + 4 \cdot 31^{16} + 28 \cdot 31^{17} + 30 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 2, 1) = 31^{11} + 18 \cdot 31^{12} + 31^{13} + 21 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 25 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 2) = 17 \cdot 31^{11} + 20 \cdot 31^{12} + 24 \cdot 31^{13} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 1, 1) = 29 \cdot 31^{12} + 19 \cdot 31^{13} + 5 \cdot 31^{14} + 9 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 6) = 24 \cdot 31^{11} + 21 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 16 \cdot 31^{15} + 23 \cdot 31^{16} + 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 5, 1) = 5 \cdot 31^{11} + 19 \cdot 31^{12} + 17 \cdot 31^{13} + 9 \cdot 31^{14} + 21 \cdot 31^{15} + 16 \cdot 31^{16} + 24 \cdot 31^{17} + 26 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 4, 2) = 30 \cdot 31^{11} + 5 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 30 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 4, 1, 1) = 5 \cdot 31^{11} + 14 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{16} + 26 \cdot 31^{17} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 3, 3) = 3 \cdot 31^{11} + 27 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 3, 2, 1) = 10 \cdot 31^{11} + 11 \cdot 31^{12} + 12 \cdot 31^{13} + 9 \cdot 31^{14} + 25 \cdot 31^{15} + 29 \cdot 31^{17} + 9 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 3, 1, 2) = 10 \cdot 31^{11} + 5 \cdot 31^{12} + 7 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 12 \cdot 31^{16} + 4 \cdot 31^{17} + 22 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 3, 1, 1, 1) = 2 \cdot 31^{11} + 16 \cdot 31^{12} + 28 \cdot 31^{13} + 10 \cdot 31^{14} + 18 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 4) = 17 \cdot 31^{11} + 26 \cdot 31^{12} + 29 \cdot 31^{13} + 25 \cdot 31^{14} + 18 \cdot 31^{15} + 7 \cdot 31^{16} + 6 \cdot 31^{17} + 12 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 3, 1) = 6 \cdot 31^{11} + 9 \cdot 31^{12} + 10 \cdot 31^{13} + 7 \cdot 31^{14} + 31^{15} + 8 \cdot 31^{16} + 31^{17} + 2 \cdot 31^{18} + 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 2) = 18 \cdot 31^{11} + 23 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{17} + 14 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 2, 1, 1) = 15 \cdot 31^{11} + 13 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 15 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 3) = 10 \cdot 31^{11} + 15 \cdot 31^{12} + 4 \cdot 31^{13} + 16 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 3 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 2, 1) = 15 \cdot 31^{11} + 26 \cdot 31^{12} + 19 \cdot 31^{13} + 17 \cdot 31^{14} + 19 \cdot 31^{15} + 4 \cdot 31^{16} + 31^{17} + 3 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 1, 2) = 22 \cdot 31^{11} + 23 \cdot 31^{12} + 15 \cdot 31^{13} + 5 \cdot 31^{15} + 2 \cdot 31^{16} + 7 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 1, 1, 1) = 13 \cdot 31^{11} + 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 13 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 5) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 9 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{16} + 27 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 4, 1) = 13 \cdot 31^{11} + 28 \cdot 31^{12} + 11 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 3, 2) = 8 \cdot 31^{11} + 2 \cdot 31^{12} + 15 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 14 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 3, 1, 1) = 6 \cdot 31^{11} + 15 \cdot 31^{12} + 2 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 3) = 2 \cdot 31^{11} + 24 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 28 \cdot 31^{15} + 22 \cdot 31^{16} + 9 \cdot 31^{17} + 24 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 2, 1) = 4 \cdot 31^{12} + 29 \cdot 31^{13} + 29 \cdot 31^{14} + 28 \cdot 31^{15} + 9 \cdot 31^{17} + 5 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 1, 2) = 23 \cdot 31^{11} + 24 \cdot 31^{12} + 19 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 1, 1, 1) = 31^{11} + 9 \cdot 31^{12} + 9 \cdot 31^{13} + 8 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{17} + 30 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 4) = 28 \cdot 31^{11} + 25 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 22 \cdot 31^{15} + 8 \cdot 31^{16} + 22 \cdot 31^{17} + 9 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 3, 1) = 19 \cdot 31^{11} + 10 \cdot 31^{12} + 25 \cdot 31^{13} + 13 \cdot 31^{14} + 27 \cdot 31^{15} + 24 \cdot 31^{16} + 18 \cdot 31^{17} + 24 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 2, 2) = 30 \cdot 31^{11} + 17 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 17 \cdot 31^{15} + 24 \cdot 31^{16} + 29 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 2, 1, 1) = 31^{11} + 18 \cdot 31^{12} + 26 \cdot 31^{14} + 22 \cdot 31^{15} + 15 \cdot 31^{16} + 28 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 3) = 16 \cdot 31^{11} + 17 \cdot 31^{12} + 28 \cdot 31^{13} + 10 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 7 \cdot 31^{17} + 25 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 2, 1) = 22 \cdot 31^{11} + 23 \cdot 31^{12} + 15 \cdot 31^{13} + 4 \cdot 31^{14} + 2 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1, 2) = 2 \cdot 31^{11} + 7 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 23 \cdot 31^{11} + 25 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 20 \cdot 31^{16} + 26 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 7) = 4 \cdot 31^{11} + 23 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 9 \cdot 31^{15} + 28 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 6, 1) = 8 \cdot 31^{11} + 14 \cdot 31^{12} + 30 \cdot 31^{13} + 15 \cdot 31^{14} + 22 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 5, 2) = 10 \cdot 31^{11} + 8 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 29 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 16 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 5, 1, 1) = 20 \cdot 31^{11} + 13 \cdot 31^{12} + 20 \cdot 31^{13} + 7 \cdot 31^{14} + 22 \cdot 31^{15} + 18 \cdot 31^{16} + 24 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 4, 3) = 11 \cdot 31^{11} + 29 \cdot 31^{12} + 30 \cdot 31^{13} + 4 \cdot 31^{14} + 4 \cdot 31^{15} + 13 \cdot 31^{17} + 16 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 4, 2, 1) = 10 \cdot 31^{11} + 8 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 4, 1, 2) = 10 \cdot 31^{11} + 25 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 4, 1, 1, 1) = 27 \cdot 31^{11} + 4 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 24 \cdot 31^{17} + 17 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 4) = 6 \cdot 31^{11} + 16 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 3, 1) = 17 \cdot 31^{11} + 13 \cdot 31^{12} + 4 \cdot 31^{13} + 24 \cdot 31^{14} + 16 \cdot 31^{15} + 5 \cdot 31^{16} + 12 \cdot 31^{17} + 3 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 2, 2) = 12 \cdot 31^{11} + 6 \cdot 31^{12} + 19 \cdot 31^{13} + 25 \cdot 31^{14} + 10 \cdot 31^{15} + 4 \cdot 31^{16} + 18 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 2, 1, 1) = 23 \cdot 31^{11} + 7 \cdot 31^{13} + 14 \cdot 31^{14} + 11 \cdot 31^{15} + 31^{16} + 22 \cdot 31^{17} + 22 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 3) = 24 \cdot 31^{11} + 22 \cdot 31^{12} + 6 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 29 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 2, 1) = 19 \cdot 31^{11} + 22 \cdot 31^{12} + 6 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 29 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 1, 2) = 22 \cdot 31^{12} + 23 \cdot 31^{13} + 10 \cdot 31^{14} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 1, 1) = 28 \cdot 31^{11} + 3 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 16 \cdot 31^{15} + 9 \cdot 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 5) = 25 \cdot 31^{11} + 2 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 4, 1) = 28 \cdot 31^{11} + 7 \cdot 31^{12} + 5 \cdot 31^{13} + 16 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 6 \cdot 31^{17} + 24 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 3, 2) = 10 \cdot 31^{11} + 21 \cdot 31^{12} + 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 3, 1, 1) = 8 \cdot 31^{11} + 12 \cdot 31^{12} + 9 \cdot 31^{14} + 16 \cdot 31^{15} + 16 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 3) = 2 \cdot 31^{11} + 29 \cdot 31^{12} + 10 \cdot 31^{13} + 13 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 2, 1) = 19 \cdot 31^{11} + 12 \cdot 31^{12} + 18 \cdot 31^{14} + 8 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 23 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 2) = 15 \cdot 31^{11} + 31^{12} + 13 \cdot 31^{13} + 23 \cdot 31^{14} + 27 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 1, 1) = 3 \cdot 31^{11} + 21 \cdot 31^{12} + 14 \cdot 31^{13} + 14 \cdot 31^{14} + 21 \cdot 31^{15} + 2 \cdot 31^{16} + 17 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 4) = 17 \cdot 31^{11} + 26 \cdot 31^{12} + 29 \cdot 31^{13} + 25 \cdot 31^{14} + 18 \cdot 31^{15} + 7 \cdot 31^{16} + 6 \cdot 31^{17} + 12 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 3, 1) = 29 \cdot 31^{11} + 26 \cdot 31^{12} + 17 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 31^{17} + 9 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 2) = 31^{11} + 13 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 23 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 3 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 1, 1) = 30 \cdot 31^{11} + 8 \cdot 31^{12} + 28 \cdot 31^{13} + 2 \cdot 31^{14} + 24 \cdot 31^{15} + 7 \cdot 31^{16} + 22 \cdot 31^{17} + 25 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 3) = 16 \cdot 31^{11} + 18 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 25 \cdot 31^{15} + 30 \cdot 31^{16} + 2 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 2, 1) = 20 \cdot 31^{11} + 22 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1, 2) = 10 \cdot 31^{11} + 16 \cdot 31^{12} + 7 \cdot 31^{13} + 22 \cdot 31^{14} + 23 \cdot 31^{15} + 26 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 20 \cdot 31^{11} + 19 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 26 \cdot 31^{15} + 18 \cdot 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 6) = 30 \cdot 31^{11} + 26 \cdot 31^{12} + 15 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 5, 1) = 22 \cdot 31^{11} + 27 \cdot 31^{12} + 2 \cdot 31^{13} + 30 \cdot 31^{14} + 9 \cdot 31^{15} + 30 \cdot 31^{16} + 9 \cdot 31^{17} + 10 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 4, 2) = 29 \cdot 31^{11} + 24 \cdot 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{15} + 26 \cdot 31^{16} + 20 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 4, 1, 1) = 21 \cdot 31^{11} + 3 \cdot 31^{12} + 12 \cdot 31^{13} + 10 \cdot 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 24 \cdot 31^{17} + 30 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 3) = 2 \cdot 31^{11} + 13 \cdot 31^{13} + 22 \cdot 31^{14} + 14 \cdot 31^{15} + 17 \cdot 31^{16} + 16 \cdot 31^{17} + 16 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 2, 1) = 16 \cdot 31^{11} + 26 \cdot 31^{12} + 4 \cdot 31^{13} + 26 \cdot 31^{14} + 23 \cdot 31^{15} + 29 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 2) = 14 \cdot 31^{11} + 21 \cdot 31^{12} + 20 \cdot 31^{13} + 23 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 1, 1) = 18 \cdot 31^{11} + 10 \cdot 31^{12} + 21 \cdot 31^{13} + 30 \cdot 31^{14} + 5 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 4) = 6 \cdot 31^{11} + 16 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 3, 1) = 19 \cdot 31^{11} + 28 \cdot 31^{12} + 11 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 27 \cdot 31^{16} + 4 \cdot 31^{17} + 26 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 2) = 23 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 30 \cdot 31^{15} + 19 \cdot 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 1, 1) = 22 \cdot 31^{11} + 9 \cdot 31^{12} + 14 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 24 \cdot 31^{16} + 3 \cdot 31^{17} + 14 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 3) = 18 \cdot 31^{11} + 9 \cdot 31^{12} + 20 \cdot 31^{13} + 12 \cdot 31^{15} + 6 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 2, 1) = 14 \cdot 31^{11} + 8 \cdot 31^{12} + 18 \cdot 31^{13} + 9 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 8 \cdot 31^{17} + 2 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1, 2) = 11 \cdot 31^{11} + 11 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 11 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 8 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 28 \cdot 31^{11} + 25 \cdot 31^{12} + 12 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{16} + 30 \cdot 31^{17} + 16 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 5) = 7 \cdot 31^{11} + 24 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 19 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 4, 1) = 3 \cdot 31^{11} + 30 \cdot 31^{12} + 6 \cdot 31^{13} + 27 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 13 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 2) = 10 \cdot 31^{11} + 17 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 1, 1) = 11 \cdot 31^{11} + 29 \cdot 31^{12} + 27 \cdot 31^{13} + 26 \cdot 31^{14} + 6 \cdot 31^{15} + 18 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 3) = 4 \cdot 31^{12} + 12 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 14 \cdot 31^{16} + 28 \cdot 31^{17} + 27 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 2, 1) = 26 \cdot 31^{11} + 23 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 23 \cdot 31^{15} + 3 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 2) = 7 \cdot 31^{11} + 2 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 21 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 8 \cdot 31^{11} + 3 \cdot 31^{12} + 7 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 6 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 4) = 15 \cdot 31^{11} + 28 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 15 \cdot 31^{15} + 13 \cdot 31^{16} + 18 \cdot 31^{17} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 3, 1) = 5 \cdot 31^{11} + 21 \cdot 31^{12} + 3 \cdot 31^{13} + 13 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 24 \cdot 31^{17} + 9 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 2) = 3 \cdot 31^{11} + 17 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 17 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 19 \cdot 31^{11} + 11 \cdot 31^{12} + 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 26 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 3) = 18 \cdot 31^{11} + 20 \cdot 31^{12} + 17 \cdot 31^{13} + 8 \cdot 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 23 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 27 \cdot 31^{11} + 17 \cdot 31^{12} + 17 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 9 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 24 \cdot 31^{11} + 11 \cdot 31^{12} + 16 \cdot 31^{13} + 22 \cdot 31^{14} + 9 \cdot 31^{15} + 27 \cdot 31^{16} + 21 \cdot 31^{17} + 17 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 15 \cdot 31^{11} + 24 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 22 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 8) = 28 \cdot 31^{11} + 17 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 24 \cdot 31^{15} + 5 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 7, 1) = 11 \cdot 31^{11} + 28 \cdot 31^{12} + 30 \cdot 31^{13} + 22 \cdot 31^{14} + 8 \cdot 31^{15} + 27 \cdot 31^{16} + 11 \cdot 31^{17} + 24 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 6, 2) = 11 \cdot 31^{11} + 4 \cdot 31^{12} + 12 \cdot 31^{13} + 3 \cdot 31^{14} + 29 \cdot 31^{15} + 15 \cdot 31^{16} + 13 \cdot 31^{17} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 6, 1, 1) = 26 \cdot 31^{11} + 14 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 16 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 27 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 5, 3) = 7 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 5, 2, 1) = 16 \cdot 31^{11} + 31^{12} + 22 \cdot 31^{14} + 6 \cdot 31^{15} + 12 \cdot 31^{16} + 18 \cdot 31^{17} + 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 5, 1, 2) = 11 \cdot 31^{11} + 14 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 13 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 5, 1, 1, 1) = 21 \cdot 31^{11} + 27 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 8 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 12 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 4, 4) = 7 \cdot 31^{11} + 24 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 19 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 4, 3, 1) = 14 \cdot 31^{11} + 4 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 29 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 4, 2, 2) = 18 \cdot 31^{11} + 24 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 4, 2, 1, 1) = 16 \cdot 31^{11} + 8 \cdot 31^{12} + 15 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 4 \cdot 31^{16} + 31^{17} + 24 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 4, 1, 3) = 14 \cdot 31^{11} + 17 \cdot 31^{12} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 4, 1, 2, 1) = 8 \cdot 31^{11} + 29 \cdot 31^{12} + 5 \cdot 31^{13} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 4, 1, 1, 2) = 16 \cdot 31^{11} + 25 \cdot 31^{12} + 3 \cdot 31^{13} + 22 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 4, 1, 1, 1, 1) = 13 \cdot 31^{11} + 24 \cdot 31^{12} + 12 \cdot 31^{13} + 7 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 10 \cdot 31^{17} + 22 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 5) = 11 \cdot 31^{11} + 3 \cdot 31^{12} + 23 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 4 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 4, 1) = 11 \cdot 31^{11} + 10 \cdot 31^{12} + 16 \cdot 31^{13} + 13 \cdot 31^{14} + 4 \cdot 31^{15} + 20 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 3, 2) = 28 \cdot 31^{11} + 20 \cdot 31^{12} + 3 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 30 \cdot 31^{16} + 18 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 3, 1, 1) = 13 \cdot 31^{11} + 20 \cdot 31^{12} + 16 \cdot 31^{13} + 7 \cdot 31^{14} + 18 \cdot 31^{15} + 24 \cdot 31^{16} + 17 \cdot 31^{17} + 30 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 3) = 3 \cdot 31^{11} + 19 \cdot 31^{12} + 14 \cdot 31^{13} + 22 \cdot 31^{14} + 7 \cdot 31^{15} + 31^{16} + 21 \cdot 31^{17} + 2 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 2, 1) = 19 \cdot 31^{11} + 13 \cdot 31^{12} + 15 \cdot 31^{13} + 23 \cdot 31^{14} + 13 \cdot 31^{15} + 19 \cdot 31^{16} + 8 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 2) = 11 \cdot 31^{11} + 9 \cdot 31^{12} + 24 \cdot 31^{13} + 22 \cdot 31^{14} + 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 1, 1) = 9 \cdot 31^{11} + 4 \cdot 31^{12} + 4 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 10 \cdot 31^{16} + 17 \cdot 31^{17} + 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 4) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 9 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{16} + 27 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 3, 1) = 22 \cdot 31^{11} + 7 \cdot 31^{12} + 22 \cdot 31^{13} + 13 \cdot 31^{14} + 28 \cdot 31^{15} + 12 \cdot 31^{16} + 13 \cdot 31^{17} + 30 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 2) = 20 \cdot 31^{11} + 8 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 21 \cdot 31^{15} + 11 \cdot 31^{16} + 28 \cdot 31^{17} + 10 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 1, 1) = 22 \cdot 31^{11} + 31^{13} + 26 \cdot 31^{14} + 31^{15} + 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 3) = 22 \cdot 31^{11} + 31^{12} + 21 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 25 \cdot 31^{17} + 9 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 2, 1) = 19 \cdot 31^{11} + 23 \cdot 31^{12} + 4 \cdot 31^{13} + 17 \cdot 31^{14} + 21 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 2) = 5 \cdot 31^{11} + 12 \cdot 31^{12} + 24 \cdot 31^{13} + 20 \cdot 31^{14} + 30 \cdot 31^{15} + 9 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 7 \cdot 31^{11} + 26 \cdot 31^{12} + 11 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 18 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 6) = 31^{11} + 23 \cdot 31^{12} + 6 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 5, 1) = 4 \cdot 31^{11} + 26 \cdot 31^{12} + 20 \cdot 31^{13} + 17 \cdot 31^{14} + 2 \cdot 31^{15} + 2 \cdot 31^{16} + 2 \cdot 31^{17} + 2 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 4, 2) = 19 \cdot 31^{11} + 4 \cdot 31^{12} + 6 \cdot 31^{13} + 8 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 4, 1, 1) = 8 \cdot 31^{11} + 22 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{15} + 29 \cdot 31^{16} + 12 \cdot 31^{17} + 28 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 3) = 18 \cdot 31^{11} + 30 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 7 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 2, 1) = 5 \cdot 31^{11} + 26 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 29 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 2) = 21 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 24 \cdot 31^{15} + 14 \cdot 31^{16} + 31^{17} + 30 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 1, 1) = 31^{11} + 31^{12} + 23 \cdot 31^{14} + 13 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 4) = 25 \cdot 31^{11} + 2 \cdot 31^{12} + 20 \cdot 31^{13} + 20 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 3, 1) = 6 \cdot 31^{11} + 17 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 6 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 2) = 30 \cdot 31^{11} + 2 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 1, 1) = 26 \cdot 31^{11} + 5 \cdot 31^{12} + 14 \cdot 31^{13} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 3) = 18 \cdot 31^{11} + 25 \cdot 31^{12} + 26 \cdot 31^{13} + 26 \cdot 31^{14} + 28 \cdot 31^{15} + 18 \cdot 31^{16} + 10 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 2, 1) = 25 \cdot 31^{11} + 20 \cdot 31^{12} + 23 \cdot 31^{13} + 4 \cdot 31^{14} + 24 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 2) = 26 \cdot 31^{11} + 18 \cdot 31^{12} + 26 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 23 \cdot 31^{11} + 16 \cdot 31^{12} + 5 \cdot 31^{13} + 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 10 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 5) = 11 \cdot 31^{11} + 3 \cdot 31^{12} + 23 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 4 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 4, 1) = 25 \cdot 31^{11} + 23 \cdot 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 2) = 30 \cdot 31^{11} + 18 \cdot 31^{12} + 25 \cdot 31^{13} + 22 \cdot 31^{14} + 6 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 1, 1) = 27 \cdot 31^{11} + 21 \cdot 31^{12} + 13 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 25 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 3) = 27 \cdot 31^{11} + 18 \cdot 31^{12} + 18 \cdot 31^{13} + 4 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 8 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 2, 1) = 9 \cdot 31^{11} + 27 \cdot 31^{12} + 8 \cdot 31^{13} + 7 \cdot 31^{14} + 30 \cdot 31^{15} + 4 \cdot 31^{16} + 9 \cdot 31^{17} + 26 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 2) = 14 \cdot 31^{11} + 26 \cdot 31^{12} + 19 \cdot 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 5 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 28 \cdot 31^{11} + 25 \cdot 31^{12} + 12 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{16} + 30 \cdot 31^{17} + 16 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 4) = 5 \cdot 31^{11} + 5 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 18 \cdot 31^{15} + 27 \cdot 31^{16} + 14 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 3, 1) = 14 \cdot 31^{11} + 12 \cdot 31^{12} + 11 \cdot 31^{13} + 9 \cdot 31^{14} + 7 \cdot 31^{15} + 22 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 2) = 18 \cdot 31^{11} + 14 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 6 \cdot 31^{11} + 9 \cdot 31^{12} + 24 \cdot 31^{13} + 28 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 3) = 22 \cdot 31^{11} + 26 \cdot 31^{12} + 12 \cdot 31^{13} + 31 \cdot 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 12 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 11 \cdot 31^{11} + 18 \cdot 31^{12} + 5 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 27 \cdot 31^{11} + 8 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 28 \cdot 31^{11} + 26 \cdot 31^{12} + 24 \cdot 31^{13} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 30 \cdot 31^{16} + 23 \cdot 31^{17} + 6 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 7) = 29 \cdot 31^{11} + 12 \cdot 31^{12} + 12 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 6, 1) = 24 \cdot 31^{11} + 22 \cdot 31^{12} + 16 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 26 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 5, 2) = 29 \cdot 31^{11} + 14 \cdot 31^{12} + 11 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 5 \cdot 31^{16} + 28 \cdot 31^{17} + 13 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 5, 1, 1) = 11 \cdot 31^{11} + 10 \cdot 31^{12} + 7 \cdot 31^{13} + 30 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 27 \cdot 31^{17} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 3) = 21 \cdot 31^{11} + 20 \cdot 31^{12} + 29 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 2, 1) = 29 \cdot 31^{11} + 7 \cdot 31^{12} + 4 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 28 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 2) = 30 \cdot 31^{11} + 9 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 7 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 1, 1) = 29 \cdot 31^{12} + 19 \cdot 31^{13} + 5 \cdot 31^{14} + 9 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 4) = 30 \cdot 31^{11} + 26 \cdot 31^{12} + 15 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 3, 1) = 12 \cdot 31^{11} + 7 \cdot 31^{12} + 26 \cdot 31^{13} + 12 \cdot 31^{14} + 2 \cdot 31^{15} + 30 \cdot 31^{16} + 27 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 2) = 15 \cdot 31^{11} + 20 \cdot 31^{12} + 22 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 10 \cdot 31^{17} + 17 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 1, 1) = 24 \cdot 31^{11} + 20 \cdot 31^{12} + 6 \cdot 31^{13} + 13 \cdot 31^{14} + 21 \cdot 31^{15} + 31^{16} + 24 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 3) = 12 \cdot 31^{11} + 15 \cdot 31^{12} + 30 \cdot 31^{13} + 29 \cdot 31^{15} + 5 \cdot 31^{17} + 16 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 2, 1) = 12 \cdot 31^{11} + 12 \cdot 31^{12} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 2) = 18 \cdot 31^{11} + 6 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 6 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 7 \cdot 31^{11} + 26 \cdot 31^{12} + 11 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 18 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 5) = 31^{11} + 23 \cdot 31^{12} + 6 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 19 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 4, 1) = 28 \cdot 31^{11} + 3 \cdot 31^{12} + 2 \cdot 31^{13} + 13 \cdot 31^{14} + 21 \cdot 31^{15} + 12 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 2) = 12 \cdot 31^{11} + 15 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 9 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 1, 1) = 2 \cdot 31^{11} + 8 \cdot 31^{12} + 10 \cdot 31^{13} + 16 \cdot 31^{14} + 2 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 3) = 12 \cdot 31^{11} + 15 \cdot 31^{12} + 24 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 5 \cdot 31^{17} + 13 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 2, 1) = 7 \cdot 31^{11} + 3 \cdot 31^{12} + 6 \cdot 31^{13} + 31^{14} + 14 \cdot 31^{15} + 21 \cdot 31^{16} + 4 \cdot 31^{17} + 29 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 2) = 11 \cdot 31^{11} + 17 \cdot 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 29 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 20 \cdot 31^{11} + 19 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 26 \cdot 31^{15} + 18 \cdot 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 4) = 24 \cdot 31^{11} + 21 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 16 \cdot 31^{15} + 23 \cdot 31^{16} + 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 3, 1) = 10 \cdot 31^{11} + 9 \cdot 31^{12} + 29 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 7 \cdot 31^{17} + 14 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 2) = 19 \cdot 31^{11} + 18 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 17 \cdot 31^{15} + 20 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 23 \cdot 31^{11} + 3 \cdot 31^{12} + 21 \cdot 31^{13} + 8 \cdot 31^{14} + 23 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 10 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 3) = 7 \cdot 31^{11} + 4 \cdot 31^{12} + 8 \cdot 31^{13} + 29 \cdot 31^{14} + 15 \cdot 31^{15} + 31^{16} + 19 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 26 \cdot 31^{11} + 18 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 8 \cdot 31^{11} + 12 \cdot 31^{12} + 30 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 18 \cdot 31^{17} + 21 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 16 \cdot 31^{11} + 23 \cdot 31^{12} + 19 \cdot 31^{13} + 13 \cdot 31^{14} + 15 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 10 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 6) = 29 \cdot 31^{11} + 12 \cdot 31^{12} + 12 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 5, 1) = 21 \cdot 31^{11} + 3 \cdot 31^{12} + 23 \cdot 31^{13} + 13 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 13 \cdot 31^{17} + 5 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 2) = 22 \cdot 31^{11} + 30 \cdot 31^{12} + 13 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 8 \cdot 31^{17} + 14 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 1, 1) = 6 \cdot 31^{11} + 27 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 31^{15} + 17 \cdot 31^{16} + 6 \cdot 31^{17} + 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 3) = 5 \cdot 31^{11} + 3 \cdot 31^{12} + 24 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 2, 1) = 23 \cdot 31^{11} + 29 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{16} + 28 \cdot 31^{17} + 18 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 2) = 13 \cdot 31^{11} + 12 \cdot 31^{12} + 19 \cdot 31^{14} + 18 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 30 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 23 \cdot 31^{11} + 25 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 20 \cdot 31^{16} + 26 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 4) = 4 \cdot 31^{11} + 23 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 9 \cdot 31^{15} + 28 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 3, 1) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 13 \cdot 31^{16} + 16 \cdot 31^{17} + 6 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 2) = 25 \cdot 31^{11} + 28 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 28 \cdot 31^{16} + 2 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 3 \cdot 31^{11} + 25 \cdot 31^{12} + 30 \cdot 31^{13} + 21 \cdot 31^{14} + 25 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 3) = 2 \cdot 31^{11} + 19 \cdot 31^{12} + 22 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 8 \cdot 31^{16} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 10 \cdot 31^{12} + 6 \cdot 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 11 \cdot 31^{11} + 9 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 28 \cdot 31^{11} + 26 \cdot 31^{12} + 24 \cdot 31^{13} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 30 \cdot 31^{16} + 23 \cdot 31^{17} + 6 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 5) = 28 \cdot 31^{11} + 17 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 24 \cdot 31^{15} + 5 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 4, 1) = 26 \cdot 31^{11} + 22 \cdot 31^{12} + 13 \cdot 31^{13} + 16 \cdot 31^{14} + 6 \cdot 31^{15} + 20 \cdot 31^{16} + 22 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 2) = 16 \cdot 31^{11} + 23 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 3 \cdot 31^{11} + 3 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 18 \cdot 31^{15} + 9 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 3) = 18 \cdot 31^{11} + 7 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 8 \cdot 31^{15} + 18 \cdot 31^{16} + 31^{17} + 14 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 8 \cdot 31^{11} + 3 \cdot 31^{12} + 7 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 6 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 2) = 13 \cdot 31^{11} + 3 \cdot 31^{12} + 22 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 7 \cdot 31^{16} + 10 \cdot 31^{17} + 28 \cdot 31^{18} + 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 1) = 15 \cdot 31^{11} + 24 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 22 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 4) = 8 \cdot 31^{11} + 24 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 1) = 6 \cdot 31^{11} + 18 \cdot 31^{12} + 16 \cdot 31^{13} + 31^{14} + 16 \cdot 31^{15} + 27 \cdot 31^{16} + 14 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 2) = 19 \cdot 31^{11} + 2 \cdot 31^{12} + 9 \cdot 31^{13} + 15 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 31^{11} + 10 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 3) = 11 \cdot 31^{11} + 18 \cdot 31^{12} + 5 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2, 1) = 9 \cdot 31^{11} + 25 \cdot 31^{12} + 29 \cdot 31^{13} + 20 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 4 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 2) = 27 \cdot 31^{11} + 9 \cdot 31^{12} + 6 \cdot 31^{13} + 7 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 15 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \end{aligned}$$

**11.13. weight 12 case.**

$$\begin{aligned} \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(12) = O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(11, 1) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 19 \cdot 31^{15} + 5 \cdot 31^{16} + 27 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(10, 2) = 23 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 4 \cdot 31^{15} + 4 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(10, 1, 1) = 23 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(9, 3) = 6 \cdot 31^{12} + 14 \cdot 31^{13} + 4 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 15 \cdot 31^{17} + 12 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(9, 2, 1) = 9 \cdot 31^{12} + 23 \cdot 31^{13} + 2 \cdot 31^{14} + 23 \cdot 31^{15} + 19 \cdot 31^{16} + 2 \cdot 31^{17} + 23 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(9, 1, 2) = 27 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(9, 1, 1, 1) = 14 \cdot 31^{12} + 14 \cdot 31^{13} + 24 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(8, 4) = 15 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 25 \cdot 31^{17} + 5 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(8, 3, 1) = 14 \cdot 31^{12} + 29 \cdot 31^{13} + 22 \cdot 31^{14} + 19 \cdot 31^{15} + 27 \cdot 31^{16} + 3 \cdot 31^{17} + 29 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(8, 2, 2) = 17 \cdot 31^{12} + 10 \cdot 31^{13} + 5 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(8, 2, 1, 1) = 9 \cdot 31^{12} + 15 \cdot 31^{13} + 6 \cdot 31^{14} + 24 \cdot 31^{15} + 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(8, 1, 3) = 8 \cdot 31^{12} + 25 \cdot 31^{13} + 16 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 23 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(8, 1, 2, 1) = 5 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{17} + 15 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(8, 1, 1, 2) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(8, 1, 1, 1, 1) = 11 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(7, 5) = 6 \cdot 31^{12} + 28 \cdot 31^{13} + 28 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(7, 4, 1) = 5 \cdot 31^{12} + 3 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(7, 3, 2) = 31^{12} + 19 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{15} + 7 \cdot 31^{16} + 4 \cdot 31^{17} + 18 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(7, 3, 1, 1) = 19 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 19 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(7, 2, 3) = 27 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 30 \cdot 31^{17} + 12 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\ \zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(7, 2, 2, 1) = 11 \cdot 31^{12} + 21 \cdot 31^{13} + 29 \cdot 31^{14} + 31^{15} + 22 \cdot 31^{16} + 4 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(7, 2, 1, 2) = 4 \cdot 31^{12} + 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 6 \cdot 31^{17} + 27 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(7, 2, 1, 1, 1) = 28 \cdot 31^{12} + 31^{13} + 21 \cdot 31^{14} + 22 \cdot 31^{15} + 18 \cdot 31^{16} + 22 \cdot 31^{17} + 25 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(7, 1, 4) = 3 \cdot 31^{12} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(7, 1, 3, 1) = 11 \cdot 31^{12} + 3 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 31^{16} + 24 \cdot 31^{17} + 10 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(7, 1, 2, 2) = 27 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 6 \cdot 31^{16} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(7, 1, 2, 1, 1) = 16 \cdot 31^{12} + 22 \cdot 31^{13} + 10 \cdot 31^{14} + 20 \cdot 31^{15} + 16 \cdot 31^{16} + 6 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(7, 1, 1, 3) = 7 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 7 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(7, 1, 1, 2, 1) = 21 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{14} + 10 \cdot 31^{15} + 13 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(7, 1, 1, 1, 2) = 28 \cdot 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 23 \cdot 31^{15} + 13 \cdot 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(7, 1, 1, 1, 1, 1) = 28 \cdot 31^{12} + 8 \cdot 31^{13} + 26 \cdot 31^{14} + 2 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(6, 6) = O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(6, 5, 1) = 29 \cdot 31^{12} + 20 \cdot 31^{13} + 17 \cdot 31^{14} + 5 \cdot 31^{15} + 23 \cdot 31^{16} + 13 \cdot 31^{17} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(6, 4, 2) = 30 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 10 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(6, 4, 1, 1) = 10 \cdot 31^{12} + 2 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 26 \cdot 31^{16} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(6, 3, 3) = 12 \cdot 31^{12} + 22 \cdot 31^{13} + 7 \cdot 31^{14} + 23 \cdot 31^{15} + 6 \cdot 31^{16} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(6, 3, 2, 1) = 3 \cdot 31^{12} + 30 \cdot 31^{13} + 13 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 4 \cdot 31^{17} + 16 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(6, 3, 1, 2) = 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 14 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(6, 3, 1, 1, 1) = 5 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 30 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(6, 2, 4) = 3 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 23 \cdot 31^{16} + 16 \cdot 31^{17} + 26 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(6, 2, 3, 1) = 30 \cdot 31^{12} + 5 \cdot 31^{15} + 5 \cdot 31^{17} + 27 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(6, 2, 2, 2) = 30 \cdot 31^{12} + 21 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(6, 2, 2, 1, 1) = 25 \cdot 31^{12} + 9 \cdot 31^{13} + 5 \cdot 31^{14} + 13 \cdot 31^{15} + 16 \cdot 31^{16} + 29 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(6, 2, 1, 3) = 22 \cdot 31^{12} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 3 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(6, 2, 1, 2, 1) = 15 \cdot 31^{12} + 22 \cdot 31^{13} + 3 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(6, 2, 1, 1, 2) = 6 \cdot 31^{13} + 15 \cdot 31^{14} + 19 \cdot 31^{15} + 6 \cdot 31^{16} + 27 \cdot 31^{17} + 16 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(6, 2, 1, 1, 1, 1) = 15 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 21 \cdot 31^{15} + 3 \cdot 31^{16} + 15 \cdot 31^{17} + 26 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(6, 1, 5) = 7 \cdot 31^{12} + 26 \cdot 31^{13} + 27 \cdot 31^{14} + 21 \cdot 31^{15} + 21 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(6, 1, 4, 1) = 3 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 26 \cdot 31^{17} + 17 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(6, 1, 3, 2) = 5 \cdot 31^{12} + 20 \cdot 31^{13} + 26 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(6, 1, 3, 1, 1) = 29 \cdot 31^{12} + 22 \cdot 31^{13} + 8 \cdot 31^{14} + 13 \cdot 31^{15} + 2 \cdot 31^{16} + 27 \cdot 31^{17} + 28 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(6, 1, 2, 3) = 17 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(6, 1, 2, 2, 1) = 27 \cdot 31^{13} + 11 \cdot 31^{14} + 7 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 28 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(6, 1, 2, 1, 2) = 3 \cdot 31^{12} + 31^{14} + 7 \cdot 31^{15} + 5 \cdot 31^{16} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(6, 1, 2, 1, 1, 1) = 21 \cdot 31^{12} + 13 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 26 \cdot 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(6, 1, 1, 4) = 25 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 3 \cdot 31^{17} + 25 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(6, 1, 1, 3, 1) = 27 \cdot 31^{12} + 29 \cdot 31^{13} + 17 \cdot 31^{14} + 19 \cdot 31^{15} + 26 \cdot 31^{16} + 14 \cdot 31^{17} + 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(6, 1, 1, 2, 2) = 20 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 12 \cdot 31^{15} + 21 \cdot 31^{16} + 31^{17} + 10 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(6, 1, 1, 2, 1, 1) = 13 \cdot 31^{12} + 31^{13} + 7 \cdot 31^{14} + 31^{15} + 16 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(6, 1, 1, 1, 3) = 9 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{15} + 27 \cdot 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(6, 1, 1, 1, 2, 1) = 16 \cdot 31^{12} + 29 \cdot 31^{13} + 8 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{16} + 13 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(6, 1, 1, 1, 1, 2) = 27 \cdot 31^{12} + 6 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 12 \cdot 31^{17} + 8 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(6, 1, 1, 1, 1, 1, 1) = 22 \cdot 31^{12} + 3 \cdot 31^{13} + 22 \cdot 31^{14} + 14 \cdot 31^{15} + 22 \cdot 31^{16} + 20 \cdot 31^{17} + 29 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(5, 7) = 22 \cdot 31^{12} + 2 \cdot 31^{13} + 16 \cdot 31^{14} + 13 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(5, 6, 1) = 25 \cdot 31^{12} + 29 \cdot 31^{13} + 28 \cdot 31^{14} + 5 \cdot 31^{16} + 6 \cdot 31^{17} + 15 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(5, 5, 2) = 21 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 25 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 27 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(5, 5, 1, 1) = 8 \cdot 31^{12} + 15 \cdot 31^{13} + 6 \cdot 31^{14} + 19 \cdot 31^{15} + 12 \cdot 31^{16} + 30 \cdot 31^{17} + 6 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(5, 4, 3) = 4 \cdot 31^{12} + 23 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 9 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(5, 4, 2, 1) = 27 \cdot 31^{12} + 31^{13} + 7 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 23 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(5, 4, 1, 2) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 22 \cdot 31^{15} + 14 \cdot 31^{16} + 7 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(5, 4, 1, 1, 1) = 14 \cdot 31^{12} + 19 \cdot 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(5, 3, 4) = 28 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 17 \cdot 31^{17} + 3 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(5, 3, 3, 1) = 6 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 24 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(5, 3, 2, 2) = 18 \cdot 31^{12} + 11 \cdot 31^{13} + 19 \cdot 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(5, 3, 2, 1, 1) = 17 \cdot 31^{12} + 6 \cdot 31^{13} + 8 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{17} + 17 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(5, 3, 1, 3) = 19 \cdot 31^{12} + 26 \cdot 31^{13} + 16 \cdot 31^{14} + 26 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(5, 3, 1, 2, 1) = 25 \cdot 31^{12} + 9 \cdot 31^{13} + 8 \cdot 31^{14} + 16 \cdot 31^{15} + 12 \cdot 31^{16} + 13 \cdot 31^{17} + 21 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(5, 3, 1, 1, 2) = 24 \cdot 31^{12} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 15 \cdot 31^{17} + 30 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(5, 3, 1, 1, 1, 1) = 22 \cdot 31^{12} + 17 \cdot 31^{13} + 20 \cdot 31^{14} + 6 \cdot 31^{16} + 11 \cdot 31^{17} + 28 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(5, 2, 5) = 7 \cdot 31^{12} + 15 \cdot 31^{13} + 5 \cdot 31^{14} + 28 \cdot 31^{15} + 26 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(5, 2, 4, 1) = 9 \cdot 31^{12} + 27 \cdot 31^{13} + 18 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 12 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(5, 2, 3, 2) = 31^{12} + 11 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 13 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(5, 2, 3, 1, 1) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 18 \cdot 31^{14} + 18 \cdot 31^{15} + 11 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(5, 2, 2, 3) = 25 \cdot 31^{12} + 19 \cdot 31^{13} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(5, 2, 2, 2, 1) = 19 \cdot 31^{12} + 12 \cdot 31^{13} + 6 \cdot 31^{14} + 8 \cdot 31^{15} + 11 \cdot 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(5, 2, 2, 1, 2) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 17 \cdot 31^{14} + 12 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(5, 2, 2, 1, 1, 1) = 12 \cdot 31^{12} + 20 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 4 \cdot 31^{16} + 23 \cdot 31^{17} + 14 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(5, 2, 1, 4) = 11 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 7 \cdot 31^{17} + 15 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(5, 2, 1, 3, 1) = 21 \cdot 31^{12} + 8 \cdot 31^{13} + 28 \cdot 31^{14} + 5 \cdot 31^{15} + 12 \cdot 31^{16} + 9 \cdot 31^{17} + 4 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(5, 2, 1, 2, 2) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 18 \cdot 31^{15} + 3 \cdot 31^{17} + 16 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(5, 2, 1, 2, 1, 1) = 29 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 23 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(5, 2, 1, 1, 3) = 20 \cdot 31^{12} + 15 \cdot 31^{13} + 19 \cdot 31^{14} + 6 \cdot 31^{15} + 9 \cdot 31^{16} + 6 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(5, 2, 1, 1, 2, 1) = 5 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 31^{17} + 18 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(5, 2, 1, 1, 1, 2) = 16 \cdot 31^{12} + 4 \cdot 31^{13} + 24 \cdot 31^{14} + 11 \cdot 31^{15} + 26 \cdot 31^{16} + 7 \cdot 31^{17} + 11 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(5, 2, 1, 1, 1, 1) = 7 \cdot 31^{12} + 21 \cdot 31^{13} + 23 \cdot 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 23 \cdot 31^{17} + 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(5, 1, 6) = 4 \cdot 31^{12} + 23 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 21 \cdot 31^{16} + 12 \cdot 31^{17} + 9 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(5, 1, 5, 1) = 20 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 4 \cdot 31^{16} + 21 \cdot 31^{17} + 22 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(5, 1, 4, 2) = 27 \cdot 31^{12} + 25 \cdot 31^{13} + 18 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 4 \cdot 31^{17} + 15 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(5, 1, 4, 1, 1) = 4 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 23 \cdot 31^{15} + 8 \cdot 31^{16} + 14 \cdot 31^{17} + 27 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(5, 1, 3, 3) = 19 \cdot 31^{12} + 15 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 2 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(5, 1, 3, 2, 1) = 20 \cdot 31^{12} + 18 \cdot 31^{13} + 30 \cdot 31^{14} + 9 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 28 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(5, 1, 3, 1, 2) = 11 \cdot 31^{12} + 27 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 22 \cdot 31^{16} + 23 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(5, 1, 3, 1, 1) = 19 \cdot 31^{12} + 26 \cdot 31^{13} + 20 \cdot 31^{15} + 30 \cdot 31^{16} + 4 \cdot 31^{17} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(5, 1, 2, 4) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(5, 1, 2, 3, 1) = 6 \cdot 31^{12} + 12 \cdot 31^{13} + 12 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(5, 1, 2, 2, 2) = 28 \cdot 31^{12} + 31^{13} + 6 \cdot 31^{14} + 28 \cdot 31^{15} + 8 \cdot 31^{16} + 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(5, 1, 2, 2, 1) = 27 \cdot 31^{12} + 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 2 \cdot 31^{16} + 30 \cdot 31^{17} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(5, 1, 2, 1, 3) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 15 \cdot 31^{16} + 25 \cdot 31^{17} + 14 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(5, 1, 2, 1, 2, 1) = 20 \cdot 31^{12} + 3 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 9 \cdot 31^{17} + 23 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(5, 1, 2, 1, 1, 2) = 29 \cdot 31^{13} + 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 19 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(5, 1, 2, 1, 1, 1) = 29 \cdot 31^{12} + 31^{13} + 4 \cdot 31^{14} + 27 \cdot 31^{15} + 17 \cdot 31^{16} + 8 \cdot 31^{17} + 19 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(5, 1, 1, 5) = 11 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 9 \cdot 31^{16} + 2 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(5, 1, 1, 4, 1) = 24 \cdot 31^{12} + 12 \cdot 31^{13} + 19 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 29 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(5, 1, 1, 3, 2) = 22 \cdot 31^{12} + 12 \cdot 31^{13} + 11 \cdot 31^{14} + 31^{15} + 2 \cdot 31^{17} + 12 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(5, 1, 1, 3, 1, 1) = 15 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 12 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(5, 1, 1, 2, 3) = 19 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 26 \cdot 31^{17} + 9 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(5, 1, 1, 2, 2, 1) = 27 \cdot 31^{12} + 3 \cdot 31^{13} + 30 \cdot 31^{14} + 8 \cdot 31^{15} + 29 \cdot 31^{16} + 6 \cdot 31^{17} + 8 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(5, 1, 1, 2, 1, 2) = 14 \cdot 31^{12} + 25 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 8 \cdot 31^{16} + 20 \cdot 31^{17} + 24 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(5, 1, 1, 2, 1, 1, 1) = 12 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(5, 1, 1, 1, 4) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 30 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 27 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(5, 1, 1, 1, 3, 1) = 3 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 8 \cdot 31^{16} + 22 \cdot 31^{17} + 28 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(5, 1, 1, 1, 2, 2) = 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(5, 1, 1, 1, 2, 1, 1) = 17 \cdot 31^{12} + 4 \cdot 31^{13} + 10 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(5, 1, 1, 1, 3) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 2 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(5, 1, 1, 1, 2, 1) = 8 \cdot 31^{12} + 3 \cdot 31^{13} + 27 \cdot 31^{14} + 9 \cdot 31^{15} + 15 \cdot 31^{16} + 16 \cdot 31^{17} + 21 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(5, 1, 1, 1, 1, 2) = 28 \cdot 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 23 \cdot 31^{15} + 13 \cdot 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(5, 1, 1, 1, 1, 1) = 25 \cdot 31^{12} + 13 \cdot 31^{13} + 15 \cdot 31^{14} + 4 \cdot 31^{15} + 22 \cdot 31^{16} + 4 \cdot 31^{17} + 6 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(4, 8) = 16 \cdot 31^{12} + 27 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 25 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(4, 7, 1) = 4 \cdot 31^{12} + 14 \cdot 31^{13} + 13 \cdot 31^{14} + 13 \cdot 31^{15} + 29 \cdot 31^{16} + 10 \cdot 31^{17} + 25 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 6, 2) = 6 \cdot 31^{12} + 19 \cdot 31^{13} + 16 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 6, 1, 1) = 27 \cdot 31^{12} + 23 \cdot 31^{13} + 2 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 28 \cdot 31^{17} + 15 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 5, 3) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 5 \cdot 31^{14} + 6 \cdot 31^{15} + 20 \cdot 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 5, 2, 1) = 5 \cdot 31^{12} + 23 \cdot 31^{14} + 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 5, 1, 2) = 7 \cdot 31^{12} + 16 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 30 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 5, 1, 1, 1) = 23 \cdot 31^{12} + 3 \cdot 31^{13} + 4 \cdot 31^{14} + 3 \cdot 31^{15} + 13 \cdot 31^{17} + 12 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 4, 4) = O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 4, 3, 1) = 22 \cdot 31^{12} + 13 \cdot 31^{13} + 31^{14} + 23 \cdot 31^{15} + 10 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 4, 2, 2) = 17 \cdot 31^{12} + 13 \cdot 31^{13} + 12 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 2 \cdot 31^{17} + 10 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 4, 2, 1, 1) = 9 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 4, 1, 3) = 25 \cdot 31^{12} + 2 \cdot 31^{13} + 11 \cdot 31^{14} + 23 \cdot 31^{15} + 9 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 4, 1, 2, 1) = 27 \cdot 31^{12} + 17 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 4, 1, 1, 2) = 22 \cdot 31^{13} + 31^{14} + 30 \cdot 31^{15} + 25 \cdot 31^{16} + 23 \cdot 31^{17} + 17 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 4, 1, 1, 1, 1) = 22 \cdot 31^{12} + 8 \cdot 31^{13} + 11 \cdot 31^{14} + 18 \cdot 31^{15} + 13 \cdot 31^{16} + 24 \cdot 31^{17} + 13 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 3, 5) = 26 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 30 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 3, 4, 1) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 12 \cdot 31^{17} + 13 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 3, 3, 2) = 21 \cdot 31^{12} + 19 \cdot 31^{13} + 8 \cdot 31^{14} + 28 \cdot 31^{15} + 17 \cdot 31^{16} + 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 3, 3, 1, 1) = 27 \cdot 31^{12} + 26 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 30 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 3, 2, 3) = 20 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 3 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 3, 2, 2, 1) = 30 \cdot 31^{12} + 29 \cdot 31^{13} + 5 \cdot 31^{14} + 20 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 17 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 3, 2, 1, 2) = 23 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 3, 2, 1, 1, 1) = 4 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 3, 1, 4) = 11 \cdot 31^{12} + 11 \cdot 31^{13} + 13 \cdot 31^{14} + 30 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 12 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 3, 1, 3, 1) = 15 \cdot 31^{12} + 23 \cdot 31^{13} + 15 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 17 \cdot 31^{17} + 16 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 3, 1, 2, 2) = 16 \cdot 31^{12} + 24 \cdot 31^{13} + 20 \cdot 31^{14} + 3 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 9 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 3, 1, 2, 1, 1) = 17 \cdot 31^{12} + 8 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{15} + 27 \cdot 31^{16} + 5 \cdot 31^{17} + 28 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 3, 1, 1, 3) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 8 \cdot 31^{15} + 22 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 3, 1, 1, 2, 1) = 19 \cdot 31^{12} + 20 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 24 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 3, 1, 1, 1, 2) = 29 \cdot 31^{13} + 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 19 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 3, 1, 1, 1, 1) = 23 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 30 \cdot 31^{17} + 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 2, 6) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 3 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 2, 5, 1) = 16 \cdot 31^{12} + 23 \cdot 31^{13} + 6 \cdot 31^{14} + 24 \cdot 31^{15} + 29 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 2, 4, 2) = 14 \cdot 31^{12} + 8 \cdot 31^{13} + 8 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 6 \cdot 31^{17} + 19 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 2, 4, 1, 1) = 28 \cdot 31^{12} + 14 \cdot 31^{13} + 2 \cdot 31^{14} + 13 \cdot 31^{15} + 25 \cdot 31^{16} + 15 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 2, 3, 3) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 20 \cdot 31^{14} + 12 \cdot 31^{15} + 26 \cdot 31^{17} + 30 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 2, 3, 2, 1) = 4 \cdot 31^{12} + 7 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 2, 3, 1, 2) = 11 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 2, 3, 1, 1, 1) = 21 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{14} + 4 \cdot 31^{15} + 21 \cdot 31^{16} + 2 \cdot 31^{17} + 29 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 2, 2, 4) = 4 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{14} + 12 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 29 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 2, 2, 3, 1) = 7 \cdot 31^{12} + 15 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 25 \cdot 31^{17} + 30 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 2, 2, 2, 2) = 23 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 7 \cdot 31^{15} + 28 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 2, 2, 2, 1, 1) = 22 \cdot 31^{12} + 5 \cdot 31^{13} + 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{17} + 30 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 2, 2, 1, 3) = 14 \cdot 31^{12} + 25 \cdot 31^{13} + 28 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 5 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 2, 2, 1, 2, 1) = 29 \cdot 31^{12} + 31^{13} + 12 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 29 \cdot 31^{17} + 8 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 2, 2, 1, 1, 2) = 28 \cdot 31^{12} + 24 \cdot 31^{13} + 22 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 16 \cdot 31^{17} + 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 2, 2, 1, 1, 1, 1) = 24 \cdot 31^{12} + 9 \cdot 31^{13} + 9 \cdot 31^{14} + 31^{15} + 4 \cdot 31^{16} + 25 \cdot 31^{17} + 30 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 2, 1, 5) = 6 \cdot 31^{12} + 17 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 2, 1, 4, 1) = 22 \cdot 31^{12} + 16 \cdot 31^{13} + 25 \cdot 31^{14} + 9 \cdot 31^{15} + 16 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 2, 1, 3, 2) = 13 \cdot 31^{12} + 2 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 2, 1, 3, 1, 1) = 20 \cdot 31^{12} + 7 \cdot 31^{13} + 17 \cdot 31^{14} + 14 \cdot 31^{15} + 14 \cdot 31^{16} + 24 \cdot 31^{17} + 24 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 2, 1, 2, 3) = 14 \cdot 31^{12} + 19 \cdot 31^{13} + 7 \cdot 31^{14} + 25 \cdot 31^{15} + 7 \cdot 31^{16} + 4 \cdot 31^{17} + 15 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 2, 1, 2, 2, 1) = 8 \cdot 31^{12} + 15 \cdot 31^{13} + 13 \cdot 31^{14} + 16 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 13 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 2, 1, 2, 1, 2) = 22 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 2, 1, 2, 1, 1, 1) = 24 \cdot 31^{12} + 9 \cdot 31^{13} + 11 \cdot 31^{14} + 8 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 14 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 2, 1, 1, 4) = 29 \cdot 31^{12} + 23 \cdot 31^{14} + 13 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 2, 1, 1, 3, 1) = 4 \cdot 31^{12} + 28 \cdot 31^{13} + 22 \cdot 31^{14} + 13 \cdot 31^{16} + 4 \cdot 31^{17} + 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 2, 1, 1, 2, 2) = 8 \cdot 31^{12} + 27 \cdot 31^{13} + 12 \cdot 31^{14} + 21 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 2, 1, 1, 2, 1, 1) = 12 \cdot 31^{12} + 22 \cdot 31^{13} + 5 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 10 \cdot 31^{17} + 24 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 2, 1, 1, 1, 3) = 14 \cdot 31^{12} + 11 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 2, 1, 1, 1, 2, 1) = 23 \cdot 31^{12} + 2 \cdot 31^{13} + 15 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 2, 1, 1, 1, 1, 2) = 6 \cdot 31^{13} + 15 \cdot 31^{14} + 19 \cdot 31^{15} + 6 \cdot 31^{16} + 27 \cdot 31^{17} + 16 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 2, 1, 1, 1, 1, 1, 1) = 21 \cdot 31^{12} + 28 \cdot 31^{13} + 18 \cdot 31^{14} + 31^{15} + 26 \cdot 31^{16} + 5 \cdot 31^{17} + 15 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 7) = 2 \cdot 31^{12} + 31^{13} + 10 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 6, 1) = 28 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 27 \cdot 31^{15} + 15 \cdot 31^{16} + 11 \cdot 31^{17} + 24 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 5, 2) = 26 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 26 \cdot 31^{16} + 26 \cdot 31^{17} + 17 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 5, 1, 1) = 15 \cdot 31^{12} + 6 \cdot 31^{13} + 21 \cdot 31^{14} + 10 \cdot 31^{15} + 15 \cdot 31^{16} + 28 \cdot 31^{17} + 4 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 4, 3) = 17 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 4, 2, 1) = 31^{12} + 28 \cdot 31^{13} + 29 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 26 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 4, 1, 2) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 4, 1, 1, 1) = 18 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 10 \cdot 31^{16} + 13 \cdot 31^{17} + 20 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 3, 4) = 14 \cdot 31^{12} + 22 \cdot 31^{13} + 12 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 23 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 3, 3, 1) = 13 \cdot 31^{12} + 6 \cdot 31^{13} + 13 \cdot 31^{14} + 30 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 3, 2, 2) = 29 \cdot 31^{12} + 3 \cdot 31^{13} + 9 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 3, 2, 1, 1) = 3 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 10 \cdot 31^{15} + 22 \cdot 31^{16} + 16 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 3, 1, 3) = 28 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 3, 1, 2, 1) = 25 \cdot 31^{12} + 14 \cdot 31^{13} + 23 \cdot 31^{14} + 5 \cdot 31^{15} + 21 \cdot 31^{16} + 30 \cdot 31^{17} + 27 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 3, 1, 1, 2) = 27 \cdot 31^{12} + 22 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 22 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 3, 1, 1, 1, 1) = 20 \cdot 31^{12} + 17 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 11 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 2, 5) = 7 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 12 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 2, 4, 1) = 11 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 6 \cdot 31^{15} + 28 \cdot 31^{16} + 9 \cdot 31^{17} + 20 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 2, 3, 2) = 27 \cdot 31^{12} + 24 \cdot 31^{13} + 26 \cdot 31^{14} + 25 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 2, 3, 1, 1) = 19 \cdot 31^{13} + 7 \cdot 31^{14} + 3 \cdot 31^{15} + 25 \cdot 31^{16} + 20 \cdot 31^{17} + 23 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 2, 2, 3) = 16 \cdot 31^{12} + 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 2 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 2, 2, 2, 1) = 21 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 2 \cdot 31^{15} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 7 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 2, 2, 1, 2) = 27 \cdot 31^{12} + 26 \cdot 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{15} + 27 \cdot 31^{17} + 8 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 2, 2, 1, 1, 1) = 18 \cdot 31^{12} + 24 \cdot 31^{13} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 6 \cdot 31^{17} + 26 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 2, 1, 4) = 13 \cdot 31^{12} + 9 \cdot 31^{13} + 9 \cdot 31^{14} + 18 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 2, 1, 3, 1) = 9 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 11 \cdot 31^{15} + 8 \cdot 31^{16} + 13 \cdot 31^{17} + 12 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 2, 1, 2, 2) = 8 \cdot 31^{12} + 20 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 2, 1, 2, 1, 1) = 21 \cdot 31^{12} + 6 \cdot 31^{13} + 22 \cdot 31^{14} + 19 \cdot 31^{15} + 12 \cdot 31^{16} + 22 \cdot 31^{17} + 17 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 2, 1, 1, 3) = 25 \cdot 31^{12} + 6 \cdot 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 11 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 2, 1, 1, 2, 1) = 9 \cdot 31^{12} + 21 \cdot 31^{13} + 11 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 2, 1, 1, 1, 2) = 24 \cdot 31^{12} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 15 \cdot 31^{17} + 30 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 2, 1, 1, 1, 1, 1) = 24 \cdot 31^{12} + 26 \cdot 31^{13} + 8 \cdot 31^{14} + 3 \cdot 31^{16} + 17 \cdot 31^{17} + 22 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 6) = 30 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 3 \cdot 31^{16} + 21 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 5, 1) = 4 \cdot 31^{12} + 26 \cdot 31^{13} + 27 \cdot 31^{14} + 17 \cdot 31^{15} + 23 \cdot 31^{16} + 26 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 4, 2) = 13 \cdot 31^{12} + 20 \cdot 31^{13} + 28 \cdot 31^{14} + 24 \cdot 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 4, 1, 1) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 9 \cdot 31^{14} + 29 \cdot 31^{15} + 23 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 3, 3) = 31^{12} + 16 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 3, 2, 1) = 3 \cdot 31^{12} + 20 \cdot 31^{13} + 19 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 22 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 3, 1, 2) = 20 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 3, 1, 1, 1) = 31^{12} + 13 \cdot 31^{13} + 17 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 2, 4) = 3 \cdot 31^{12} + 30 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 22 \cdot 31^{16} + 7 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 2, 3, 1) = 2 \cdot 31^{12} + 3 \cdot 31^{13} + 3 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 2, 2, 2) = 7 \cdot 31^{12} + 21 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 21 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 2, 2, 1, 1) = 29 \cdot 31^{12} + 24 \cdot 31^{14} + 14 \cdot 31^{15} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 5 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 2, 1, 3) = 2 \cdot 31^{12} + 18 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 3 \cdot 31^{16} + 30 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 2, 1, 2, 1) = 5 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 25 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 2, 1, 1, 2) = 22 \cdot 31^{13} + 31^{14} + 30 \cdot 31^{15} + 25 \cdot 31^{16} + 23 \cdot 31^{17} + 17 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 2, 1, 1, 1, 1) = 18 \cdot 31^{12} + 26 \cdot 31^{14} + 22 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 25 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 5) = 3 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{14} + 15 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 4, 1) = 4 \cdot 31^{12} + 31^{13} + 18 \cdot 31^{14} + 28 \cdot 31^{15} + 16 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 3, 2) = 22 \cdot 31^{13} + 27 \cdot 31^{14} + 20 \cdot 31^{15} + 4 \cdot 31^{16} + 11 \cdot 31^{17} + 28 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 3, 1, 1) = 29 \cdot 31^{12} + 15 \cdot 31^{13} + 26 \cdot 31^{14} + 15 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 30 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 2, 3) = 10 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 12 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 2, 2, 1) = 14 \cdot 31^{12} + 9 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 17 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 2, 1, 2) = 17 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 10 \cdot 31^{16} + 19 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 2, 1, 1, 1) = 25 \cdot 31^{12} + 25 \cdot 31^{14} + 22 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 4) = 12 \cdot 31^{12} + 20 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 21 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 3, 1) = 2 \cdot 31^{12} + 28 \cdot 31^{13} + 3 \cdot 31^{14} + 19 \cdot 31^{15} + 31^{16} + 20 \cdot 31^{17} + 25 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 2, 2) = 4 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 20 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 31^{12} + 15 \cdot 31^{13} + 21 \cdot 31^{14} + 29 \cdot 31^{15} + 30 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 3) = 4 \cdot 31^{12} + 28 \cdot 31^{13} + 9 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 2, 1) = 19 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 3 \cdot 31^{15} + 29 \cdot 31^{16} + 27 \cdot 31^{17} + 23 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 1, 2) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 26 \cdot 31^{12} + 21 \cdot 31^{13} + 21 \cdot 31^{14} + 19 \cdot 31^{15} + 10 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 9) = 10 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{14} + 21 \cdot 31^{15} + 27 \cdot 31^{16} + 13 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 8, 1) = 25 \cdot 31^{12} + 28 \cdot 31^{13} + 26 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 7, 2) = 2 \cdot 31^{12} + 30 \cdot 31^{13} + 5 \cdot 31^{14} + 4 \cdot 31^{15} + 23 \cdot 31^{16} + 28 \cdot 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 7, 1, 1) = 7 \cdot 31^{12} + 5 \cdot 31^{13} + 23 \cdot 31^{14} + 26 \cdot 31^{15} + 27 \cdot 31^{16} + 24 \cdot 31^{17} + 13 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 6, 3) = 3 \cdot 31^{12} + 14 \cdot 31^{13} + 28 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 6, 2, 1) = 30 \cdot 31^{12} + 14 \cdot 31^{13} + 3 \cdot 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 19 \cdot 31^{17} + 3 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 6, 1, 2) = 16 \cdot 31^{12} + 29 \cdot 31^{13} + 20 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 11 \cdot 31^{17} + 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 6, 1, 1, 1) = 6 \cdot 31^{12} + 30 \cdot 31^{13} + 23 \cdot 31^{14} + 26 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 17 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 5, 4) = 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 11 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 30 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 5, 3, 1) = 5 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 5, 2, 2) = 29 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 5, 2, 1, 1) = 9 \cdot 31^{12} + 20 \cdot 31^{13} + 2 \cdot 31^{14} + 23 \cdot 31^{15} + 31^{16} + 29 \cdot 31^{17} + 17 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 5, 1, 3) = 11 \cdot 31^{12} + 12 \cdot 31^{13} + 6 \cdot 31^{14} + 23 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 5, 1, 2, 1) = 16 \cdot 31^{12} + 20 \cdot 31^{13} + 27 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 5, 1, 1, 2) = 17 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 10 \cdot 31^{16} + 19 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 5, 1, 1, 1, 1) = 3 \cdot 31^{12} + 20 \cdot 31^{13} + 9 \cdot 31^{14} + 24 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 4, 5) = 19 \cdot 31^{12} + 12 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 4, 4, 1) = 26 \cdot 31^{12} + 11 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 4, 3, 2) = 29 \cdot 31^{13} + 21 \cdot 31^{14} + 14 \cdot 31^{15} + 3 \cdot 31^{16} + 23 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 4, 3, 1, 1) = 27 \cdot 31^{12} + 14 \cdot 31^{13} + 3 \cdot 31^{14} + 31^{15} + 22 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 4, 2, 3) = 16 \cdot 31^{12} + 2 \cdot 31^{14} + 30 \cdot 31^{15} + 9 \cdot 31^{16} + 26 \cdot 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 4, 2, 2, 1) = 31^{12} + 11 \cdot 31^{13} + 27 \cdot 31^{14} + 18 \cdot 31^{15} + 13 \cdot 31^{16} + 28 \cdot 31^{17} + 6 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 4, 2, 1, 2) = 21 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{17} + 6 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 4, 2, 1, 1, 1) = 21 \cdot 31^{12} + 22 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 24 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 4, 1, 4) = 29 \cdot 31^{12} + 18 \cdot 31^{13} + 12 \cdot 31^{14} + 13 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 10 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 4, 1, 3, 1) = 13 \cdot 31^{12} + 25 \cdot 31^{13} + 13 \cdot 31^{14} + 11 \cdot 31^{15} + 24 \cdot 31^{16} + 7 \cdot 31^{17} + 24 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 4, 1, 2, 2) = 16 \cdot 31^{12} + 21 \cdot 31^{13} + 3 \cdot 31^{14} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 4, 1, 2, 1, 1) = 3 \cdot 31^{12} + 3 \cdot 31^{13} + 9 \cdot 31^{14} + 28 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 4, 1, 1, 3) = 7 \cdot 31^{12} + 28 \cdot 31^{13} + 6 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 16 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 4, 1, 1, 2, 1) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 16 \cdot 31^{14} + 20 \cdot 31^{15} + 15 \cdot 31^{16} + 14 \cdot 31^{17} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 4, 1, 1, 1, 2) = 14 \cdot 31^{12} + 25 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 8 \cdot 31^{16} + 20 \cdot 31^{17} + 24 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 4, 1, 1, 1, 1, 1) = 3 \cdot 31^{12} + 21 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 28 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 3, 6) = 9 \cdot 31^{13} + 15 \cdot 31^{14} + 14 \cdot 31^{15} + 18 \cdot 31^{16} + 17 \cdot 31^{17} + 13 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 3, 5, 1) = 16 \cdot 31^{12} + 20 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 14 \cdot 31^{16} + 16 \cdot 31^{17} + 23 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 3, 4, 2) = 2 \cdot 31^{12} + 26 \cdot 31^{13} + 9 \cdot 31^{15} + 26 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 3, 4, 1, 1) = 21 \cdot 31^{12} + 14 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 16 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 3, 3, 3) = 8 \cdot 31^{12} + 16 \cdot 31^{13} + 30 \cdot 31^{14} + 18 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 3, 3, 2, 1) = 11 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 2 \cdot 31^{15} + 12 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 3, 3, 1, 2) = 30 \cdot 31^{12} + 22 \cdot 31^{13} + 25 \cdot 31^{14} + 8 \cdot 31^{15} + 4 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 3, 3, 1, 1, 1) = 25 \cdot 31^{12} + 27 \cdot 31^{13} + 18 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 3, 2, 4) = 5 \cdot 31^{12} + 22 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 3, 2, 3, 1) = 7 \cdot 31^{12} + 5 \cdot 31^{13} + 26 \cdot 31^{14} + 16 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 3, 2, 2, 2) = 22 \cdot 31^{12} + 10 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 3, 2, 2, 1, 1) = 15 \cdot 31^{12} + 21 \cdot 31^{13} + 21 \cdot 31^{14} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 3, 2, 1, 3) = 7 \cdot 31^{12} + 4 \cdot 31^{13} + 12 \cdot 31^{14} + 24 \cdot 31^{15} + 14 \cdot 31^{16} + 20 \cdot 31^{17} + 11 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 3, 2, 1, 2, 1) = 22 \cdot 31^{12} + 27 \cdot 31^{13} + 18 \cdot 31^{14} + 6 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 14 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 3, 2, 1, 1, 2) = 22 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 3, 2, 1, 1, 1, 1) = 24 \cdot 31^{12} + 19 \cdot 31^{13} + 12 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 3, 1, 5) = 19 \cdot 31^{12} + 9 \cdot 31^{13} + 4 \cdot 31^{14} + 21 \cdot 31^{15} + 7 \cdot 31^{16} + 5 \cdot 31^{17} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 3, 1, 4, 1) = 22 \cdot 31^{12} + 25 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 19 \cdot 31^{16} + 15 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 3, 1, 3, 2) = 21 \cdot 31^{12} + 31^{13} + 29 \cdot 31^{14} + 5 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 3, 1, 3, 1, 1) = 3 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 23 \cdot 31^{16} + 24 \cdot 31^{17} + 2 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 3, 1, 2, 3) = 7 \cdot 31^{12} + 26 \cdot 31^{13} + 4 \cdot 31^{14} + 27 \cdot 31^{15} + 19 \cdot 31^{16} + 25 \cdot 31^{17} + 8 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 3, 1, 2, 2, 1) = 3 \cdot 31^{12} + 20 \cdot 31^{13} + 30 \cdot 31^{14} + 27 \cdot 31^{15} + 3 \cdot 31^{16} + 6 \cdot 31^{17} + 28 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 3, 1, 2, 1, 2) = 13 \cdot 31^{12} + 13 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 3 \cdot 31^{16} + 24 \cdot 31^{17} + 2 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 3, 1, 2, 1, 1, 1) = 20 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 15 \cdot 31^{15} + 24 \cdot 31^{16} + 24 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 3, 1, 1, 4) = 28 \cdot 31^{12} + 8 \cdot 31^{13} + 8 \cdot 31^{14} + 7 \cdot 31^{15} + 9 \cdot 31^{16} + 29 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 3, 1, 1, 3, 1) = 18 \cdot 31^{12} + 3 \cdot 31^{13} + 2 \cdot 31^{14} + 18 \cdot 31^{15} + 8 \cdot 31^{16} + 20 \cdot 31^{17} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 3, 1, 1, 2, 2) = 29 \cdot 31^{12} + 29 \cdot 31^{13} + 30 \cdot 31^{14} + 28 \cdot 31^{15} + 20 \cdot 31^{16} + 11 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 3, 1, 1, 2, 1, 1) = 26 \cdot 31^{12} + 27 \cdot 31^{14} + 6 \cdot 31^{15} + 12 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 3, 1, 1, 1, 3) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 29 \cdot 31^{17} + 15 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 3, 1, 1, 1, 2, 1) = 22 \cdot 31^{12} + 26 \cdot 31^{13} + 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 29 \cdot 31^{17} + 7 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 3, 1, 1, 1, 1, 2) = 3 \cdot 31^{12} + 31^{14} + 7 \cdot 31^{15} + 5 \cdot 31^{16} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 3, 1, 1, 1, 1, 1, 1) = 9 \cdot 31^{12} + 14 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 28 \cdot 31^{16} + 10 \cdot 31^{17} + 21 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 7) = 28 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 8 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 6, 1) = 11 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 21 \cdot 31^{15} + 29 \cdot 31^{16} + 11 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 5, 2) = 10 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 27 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 25 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 5, 1, 1) = 31^{12} + 10 \cdot 31^{13} + 5 \cdot 31^{14} + 12 \cdot 31^{15} + 22 \cdot 31^{16} + 21 \cdot 31^{17} + 19 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 4, 3) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 21 \cdot 31^{15} + 30 \cdot 31^{16} + 25 \cdot 31^{17} + 17 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 4, 2, 1) = 18 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 9 \cdot 31^{15} + 27 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 4, 1, 2) = 20 \cdot 31^{12} + 19 \cdot 31^{13} + 21 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 4, 1, 1, 1) = 7 \cdot 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 27 \cdot 31^{15} + 12 \cdot 31^{16} + 15 \cdot 31^{17} + 5 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 3, 4) = 15 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 23 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 3, 3, 1) = 22 \cdot 31^{12} + 16 \cdot 31^{13} + 28 \cdot 31^{15} + 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 3, 2, 2) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 18 \cdot 31^{14} + 28 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 3, 2, 1, 1) = 2 \cdot 31^{12} + 9 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 29 \cdot 31^{16} + 16 \cdot 31^{17} + 24 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 3, 1, 3) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 28 \cdot 31^{14} + 7 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 3, 1, 2, 1) = 9 \cdot 31^{12} + 27 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 3, 1, 1, 2) = 27 \cdot 31^{12} + 26 \cdot 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{15} + 27 \cdot 31^{17} + 8 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 3, 1, 1, 1, 1) = 13 \cdot 31^{12} + 19 \cdot 31^{13} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 9 \cdot 31^{16} + 7 \cdot 31^{17} + 24 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 2, 5) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 15 \cdot 31^{14} + 29 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 2, 4, 1) = 11 \cdot 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 22 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 2, 3, 2) = 17 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 23 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 2, 3, 1, 1) = 31^{12} + 28 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 22 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 2, 2, 3) = 10 \cdot 31^{12} + 24 \cdot 31^{13} + 27 \cdot 31^{15} + 2 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 2, 2, 2, 1) = 30 \cdot 31^{12} + 16 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 29 \cdot 31^{16} + 3 \cdot 31^{17} + 22 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 2, 2, 1, 2) = 13 \cdot 31^{12} + 21 \cdot 31^{13} + 3 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 2, 2, 1, 1, 1) = 27 \cdot 31^{12} + 5 \cdot 31^{13} + 27 \cdot 31^{14} + 2 \cdot 31^{15} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 2, 1, 4) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 4 \cdot 31^{17} + 20 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 2, 1, 3, 1) = 28 \cdot 31^{12} + 2 \cdot 31^{13} + 11 \cdot 31^{14} + 19 \cdot 31^{15} + 22 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 2, 1, 2, 2) = 4 \cdot 31^{12} + 10 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 2, 1, 2, 1, 1) = 7 \cdot 31^{12} + 30 \cdot 31^{13} + 2 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 18 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 2, 1, 1, 3) = 10 \cdot 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 5 \cdot 31^{15} + 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 2, 1, 1, 2, 1) = 28 \cdot 31^{12} + 18 \cdot 31^{13} + 15 \cdot 31^{15} + 15 \cdot 31^{16} + 12 \cdot 31^{17} + 2 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 2, 1, 1, 1, 2) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 17 \cdot 31^{14} + 12 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 2, 1, 1, 1, 1, 1) = 30 \cdot 31^{12} + 8 \cdot 31^{13} + 12 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 6) = 18 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 19 \cdot 31^{16} + 12 \cdot 31^{17} + 10 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 5, 1) = 20 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 17 \cdot 31^{15} + 9 \cdot 31^{17} + 27 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 4, 2) = 29 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{15} + 31^{16} + 15 \cdot 31^{17} + 25 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 4, 1, 1) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 3, 3) = 8 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 14 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 3, 2, 1) = 14 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 5 \cdot 31^{15} + 14 \cdot 31^{16} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 3, 1, 2) = 23 \cdot 31^{12} + 31^{13} + 18 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 21 \cdot 31^{17} + 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 3, 1, 1, 1) = 11 \cdot 31^{12} + 8 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{15} + 6 \cdot 31^{16} + 25 \cdot 31^{17} + 4 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 2, 4) = 14 \cdot 31^{12} + 9 \cdot 31^{13} + 12 \cdot 31^{14} + 3 \cdot 31^{15} + 21 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 2, 3, 1) = 23 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 2, 2, 2) = 20 \cdot 31^{12} + 8 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 30 \cdot 31^{17} + 29 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 2, 2, 1, 1) = 11 \cdot 31^{12} + 31^{13} + 22 \cdot 31^{14} + 6 \cdot 31^{15} + 8 \cdot 31^{16} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 2, 1, 3) = 12 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 18 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 2, 1, 2, 1) = 20 \cdot 31^{12} + 20 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{15} + 26 \cdot 31^{16} + 7 \cdot 31^{17} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 2, 1, 1, 2) = 23 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 2, 1, 1, 1, 1) = 16 \cdot 31^{12} + 24 \cdot 31^{13} + 24 \cdot 31^{14} + 16 \cdot 31^{15} + 23 \cdot 31^{16} + 13 \cdot 31^{17} + 14 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 5) = 10 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 27 \cdot 31^{15} + 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 4, 1) = 3 \cdot 31^{12} + 3 \cdot 31^{13} + 3 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 3, 2) = 30 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 5 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 3, 1, 1) = 27 \cdot 31^{12} + 31^{13} + 7 \cdot 31^{14} + 17 \cdot 31^{15} + 11 \cdot 31^{16} + 30 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 2, 3) = 6 \cdot 31^{12} + 9 \cdot 31^{13} + 22 \cdot 31^{14} + 21 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 2, 2, 1) = 10 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 2, 1, 2) = 21 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{14} + 15 \cdot 31^{15} + 29 \cdot 31^{17} + 6 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 2, 1, 1, 1) = 13 \cdot 31^{12} + 10 \cdot 31^{13} + 8 \cdot 31^{15} + 18 \cdot 31^{16} + 7 \cdot 31^{17} + 26 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 4) = 6 \cdot 31^{12} + 2 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 16 \cdot 31^{16} + 27 \cdot 31^{17} + 9 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 3, 1) = 18 \cdot 31^{12} + 6 \cdot 31^{13} + 14 \cdot 31^{14} + 17 \cdot 31^{15} + 18 \cdot 31^{16} + 15 \cdot 31^{17} + 24 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 2, 2) = 21 \cdot 31^{12} + 15 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 2, 1, 1) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 10 \cdot 31^{15} + 16 \cdot 31^{16} + 13 \cdot 31^{17} + 29 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 3) = 18 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 2, 1) = 24 \cdot 31^{12} + 2 \cdot 31^{13} + 20 \cdot 31^{14} + 23 \cdot 31^{15} + 22 \cdot 31^{16} + 17 \cdot 31^{17} + 30 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 1, 2) = 4 \cdot 31^{12} + 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 6 \cdot 31^{17} + 27 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 22 \cdot 31^{12} + 15 \cdot 31^{13} + 20 \cdot 31^{14} + 16 \cdot 31^{15} + 21 \cdot 31^{16} + 11 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 8) = 16 \cdot 31^{13} + 12 \cdot 31^{14} + 31^{15} + 2 \cdot 31^{16} + 15 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 7, 1) = 21 \cdot 31^{12} + 12 \cdot 31^{13} + 30 \cdot 31^{14} + 29 \cdot 31^{15} + 8 \cdot 31^{16} + 3 \cdot 31^{17} + 24 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 6, 2) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 18 \cdot 31^{15} + 19 \cdot 31^{17} + 26 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 6, 1, 1) = 30 \cdot 31^{12} + 14 \cdot 31^{13} + 5 \cdot 31^{14} + 8 \cdot 31^{15} + 15 \cdot 31^{16} + 18 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 5, 3) = 14 \cdot 31^{12} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 5, 2, 1) = 16 \cdot 31^{12} + 10 \cdot 31^{13} + 17 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 18 \cdot 31^{17} + 20 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 5, 1, 2) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 5, 1, 1, 1) = 3 \cdot 31^{12} + 13 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 22 \cdot 31^{16} + 10 \cdot 31^{17} + 11 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 4, 4) = 9 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 6 \cdot 31^{17} + 19 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 4, 3, 1) = 22 \cdot 31^{12} + 7 \cdot 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 2 \cdot 31^{16} + 28 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 4, 2, 2) = 14 \cdot 31^{12} + 21 \cdot 31^{13} + 16 \cdot 31^{14} + 21 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 4, 2, 1, 1) = 9 \cdot 31^{12} + 18 \cdot 31^{13} + 29 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 24 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 4, 1, 3) = 13 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 26 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 4, 1, 2, 1) = 23 \cdot 31^{12} + 25 \cdot 31^{13} + 10 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 12 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 4, 1, 1, 2) = 20 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 4, 1, 1, 1, 1) = 17 \cdot 31^{12} + 2 \cdot 31^{13} + 16 \cdot 31^{14} + 2 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 17 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 3, 5) = 13 \cdot 31^{13} + 2 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 26 \cdot 31^{17} + 15 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 3, 4, 1) = 22 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 13 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 3, 3, 2) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 23 \cdot 31^{17} + 15 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 3, 3, 1, 1) = 25 \cdot 31^{12} + 12 \cdot 31^{13} + 29 \cdot 31^{14} + 27 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 3, 2, 3) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 2 \cdot 31^{14} + 26 \cdot 31^{15} + 13 \cdot 31^{16} + 22 \cdot 31^{17} + 30 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 3, 2, 2, 1) = 29 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 21 \cdot 31^{15} + 11 \cdot 31^{16} + 16 \cdot 31^{17} + 31 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 3, 2, 1, 2) = 23 \cdot 31^{12} + 31 \cdot 31^{13} + 18 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 21 \cdot 31^{17} + 31 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 3, 2, 1, 1, 1) = 31^{13} + 23 \cdot 31^{14} + 25 \cdot 31^{15} + 10 \cdot 31^{16} + 4 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 3, 1, 4) = 15 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 21 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 3, 1, 3, 1) = 21 \cdot 31^{12} + 13 \cdot 31^{13} + 22 \cdot 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 25 \cdot 31^{18} + 31 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 3, 1, 2, 2) = 23 \cdot 31^{12} + 5 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 20 \cdot 31^{17} + 4 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 3, 1, 2, 1, 1) = 30 \cdot 31^{12} + 18 \cdot 31^{13} + 30 \cdot 31^{14} + 21 \cdot 31^{15} + 5 \cdot 31^{16} + 21 \cdot 31^{17} + 23 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 3, 1, 1, 3) = 20 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 10 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 3, 1, 1, 2, 1) = 18 \cdot 31^{12} + 5 \cdot 31^{13} + 12 \cdot 31^{14} + 10 \cdot 31^{15} + 8 \cdot 31^{16} + 4 \cdot 31^{17} + 15 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 3, 1, 1, 1, 2) = 11 \cdot 31^{12} + 27 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 22 \cdot 31^{16} + 23 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 3, 1, 1, 1, 1, 1) = 31^{12} + 9 \cdot 31^{13} + 4 \cdot 31^{14} + 31 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 6) = 29 \cdot 31^{12} + 4 \cdot 31^{14} + 20 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 5, 1) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 13 \cdot 31^{16} + 22 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 4, 2) = 7 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 4 \cdot 31^{16} + 29 \cdot 31^{17} + 29 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 4, 1, 1) = 10 \cdot 31^{12} + 20 \cdot 31^{13} + 31 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 3, 3) = 29 \cdot 31^{12} + 26 \cdot 31^{13} + 9 \cdot 31^{14} + 30 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 3, 2, 1) = 31^{12} + 22 \cdot 31^{15} + 6 \cdot 31^{16} + 7 \cdot 31^{17} + 31 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 3, 1, 2) = 17 \cdot 31^{13} + 18 \cdot 31^{14} + 13 \cdot 31^{15} + 31 \cdot 31^{16} + 7 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 3, 1, 1, 1) = 5 \cdot 31^{12} + 21 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 4 \cdot 31^{16} + 6 \cdot 31^{17} + 9 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 2, 4) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 12 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 2, 3, 1) = 15 \cdot 31^{12} + 7 \cdot 31^{13} + 30 \cdot 31^{14} + 9 \cdot 31^{15} + 18 \cdot 31^{16} + 19 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 2, 2, 2) = 7 \cdot 31^{12} + 9 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 30 \cdot 31^{17} + 31 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 2, 2, 1, 1) = 2 \cdot 31^{12} + 27 \cdot 31^{13} + 10 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 2, 1, 3) = 15 \cdot 31^{12} + 20 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 27 \cdot 31^{16} + 16 \cdot 31^{17} + 22 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 2, 1, 2, 1) = 22 \cdot 31^{12} + 11 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{15} + 6 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 2, 1, 1, 2) = 11 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 2, 1, 1, 1, 1) = 28 \cdot 31^{12} + 21 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{16} + 12 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 5) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 4, 1) = 18 \cdot 31^{12} + 5 \cdot 31^{13} + 20 \cdot 31^{15} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 3, 2) = 17 \cdot 31^{12} + 30 \cdot 31^{13} + 31^{14} + 29 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 3, 1, 1) = 7 \cdot 31^{12} + 19 \cdot 31^{13} + 13 \cdot 31^{14} + 13 \cdot 31^{15} + 4 \cdot 31^{16} + 30 \cdot 31^{17} + 22 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 2, 3) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 10 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 2, 2, 1) = 25 \cdot 31^{12} + 14 \cdot 31^{13} + 22 \cdot 31^{14} + 2 \cdot 31^{15} + 23 \cdot 31^{16} + 19 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 2, 1, 2) = 30 \cdot 31^{12} + 22 \cdot 31^{13} + 25 \cdot 31^{14} + 8 \cdot 31^{15} + 4 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 2, 1, 1, 1) = 23 \cdot 31^{12} + 16 \cdot 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 10 \cdot 31^{16} + 23 \cdot 31^{17} + 12 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 4) = 30 \cdot 31^{13} + 5 \cdot 31^{14} + 29 \cdot 31^{15} + 9 \cdot 31^{16} + 11 \cdot 31^{17} + 24 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 3, 1) = 4 \cdot 31^{12} + 30 \cdot 31^{13} + 23 \cdot 31^{14} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 5 \cdot 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 2, 2) = 18 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 2, 1, 1) = 31^{12} + 27 \cdot 31^{13} + 31^{14} + 14 \cdot 31^{15} + 2 \cdot 31^{16} + 7 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 3) = 3 \cdot 31^{12} + 9 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 30 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 2, 1) = 4 \cdot 31^{12} + 14 \cdot 31^{13} + 24 \cdot 31^{14} + 10 \cdot 31^{16} + 5 \cdot 31^{17} + 12 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 1, 2) = 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 14 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 19 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 7 \cdot 31^{12} + 5 \cdot 31^{13} + 5 \cdot 31^{14} + 18 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 23 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 7) = 15 \cdot 31^{12} + 21 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 26 \cdot 31^{16} + 14 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 6, 1) = 20 \cdot 31^{12} + 19 \cdot 31^{13} + 5 \cdot 31^{14} + 9 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{17} + 6 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 5, 2) = 19 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 5, 1, 1) = 26 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 10 \cdot 31^{16} + 31^{17} + 5 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 4, 3) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 4, 2, 1) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 9 \cdot 31^{14} + 25 \cdot 31^{15} + 9 \cdot 31^{16} + 31^{17} + 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 4, 1, 2) = 9 \cdot 31^{12} + 15 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 4, 1, 1, 1) = 18 \cdot 31^{12} + 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{15} + 27 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 3, 4) = 4 \cdot 31^{12} + 19 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 18 \cdot 31^{17} + 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 3, 3, 1) = 4 \cdot 31^{12} + 7 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 15 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 3, 2, 2) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 11 \cdot 31^{14} + 28 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 3, 2, 1, 1) = 22 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 15 \cdot 31^{15} + 14 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 3, 1, 3) = 7 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 3 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 3, 1, 2, 1) = 14 \cdot 31^{12} + 15 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 2 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 3, 1, 1, 2) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 3, 1, 1, 1, 1) = 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 22 \cdot 31^{15} + 12 \cdot 31^{16} + 22 \cdot 31^{17} + 31^{18} + 29 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 5) = 22 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 7 \cdot 31^{16} + 8 \cdot 31^{17} + 6 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 4, 1) = 16 \cdot 31^{12} + 22 \cdot 31^{13} + 17 \cdot 31^{14} + 26 \cdot 31^{15} + 9 \cdot 31^{16} + 4 \cdot 31^{17} + 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 3, 2) = 7 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 3, 1, 1) = 12 \cdot 31^{12} + 12 \cdot 31^{13} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 29 \cdot 31^{17} + 12 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 2, 3) = 25 \cdot 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 5 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 2, 2, 1) = 21 \cdot 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 17 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 2, 1, 2) = 20 \cdot 31^{12} + 19 \cdot 31^{13} + 21 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 2, 1, 1, 1) = 28 \cdot 31^{12} + 2 \cdot 31^{13} + 27 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 28 \cdot 31^{17} + 28 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 4) = 30 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 12 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 3, 1) = 22 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 8 \cdot 31^{16} + 4 \cdot 31^{17} + 24 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 2, 2) = 7 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 2, 1, 1) = 18 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 8 \cdot 31^{15} + 15 \cdot 31^{16} + 12 \cdot 31^{17} + 14 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 3) = 19 \cdot 31^{12} + 6 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 27 \cdot 31^{16} + 7 \cdot 31^{17} + 21 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 2, 1) = 2 \cdot 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{14} + 21 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 25 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 1, 2) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 22 \cdot 31^{15} + 14 \cdot 31^{16} + 7 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 13 \cdot 31^{12} + 22 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 30 \cdot 31^{16} + 3 \cdot 31^{17} + 2 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 6) = 6 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 19 \cdot 31^{15} + 9 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 5, 1) = 26 \cdot 31^{12} + 28 \cdot 31^{13} + 13 \cdot 31^{14} + 8 \cdot 31^{15} + 20 \cdot 31^{16} + 30 \cdot 31^{17} + 14 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 4, 2) = 31^{12} + 15 \cdot 31^{13} + 31^{14} + 10 \cdot 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 4, 1, 1) = 5 \cdot 31^{12} + 27 \cdot 31^{13} + 26 \cdot 31^{14} + 26 \cdot 31^{15} + 18 \cdot 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 3, 3) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 4 \cdot 31^{15} + 15 \cdot 31^{16} + 14 \cdot 31^{17} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 3, 2, 1) = 13 \cdot 31^{12} + 14 \cdot 31^{13} + 28 \cdot 31^{14} + 15 \cdot 31^{15} + 16 \cdot 31^{16} + 5 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 3, 1, 2) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 3, 1, 1, 1) = 10 \cdot 31^{13} + 24 \cdot 31^{14} + 18 \cdot 31^{15} + 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 4) = 20 \cdot 31^{12} + 17 \cdot 31^{13} + 12 \cdot 31^{14} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 3, 1) = 24 \cdot 31^{12} + 7 \cdot 31^{13} + 25 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 2, 2) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{15} + 21 \cdot 31^{16} + 24 \cdot 31^{17} + 17 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 2, 1, 1) = 29 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 28 \cdot 31^{17} + 12 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 3) = 21 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 13 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 2, 1) = 3 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 20 \cdot 31^{17} + 2 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 1, 2) = 7 \cdot 31^{12} + 16 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 30 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 29 \cdot 31^{12} + 30 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 11 \cdot 31^{16} + 14 \cdot 31^{17} + 18 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 5) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 11 \cdot 31^{14} + 22 \cdot 31^{15} + 14 \cdot 31^{16} + 20 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 4, 1) = 17 \cdot 31^{12} + 4 \cdot 31^{13} + 29 \cdot 31^{14} + 20 \cdot 31^{15} + 23 \cdot 31^{16} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 3, 2) = 28 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 10 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 21 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 3, 1, 1) = 20 \cdot 31^{12} + 24 \cdot 31^{13} + 28 \cdot 31^{14} + 2 \cdot 31^{15} + 29 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 3) = 15 \cdot 31^{12} + 22 \cdot 31^{13} + 17 \cdot 31^{14} + 20 \cdot 31^{15} + 12 \cdot 31^{16} + 21 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 2, 1) = 9 \cdot 31^{12} + 3 \cdot 31^{13} + 17 \cdot 31^{14} + 31^{15} + 9 \cdot 31^{16} + 14 \cdot 31^{17} + 22 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 1, 2) = 16 \cdot 31^{12} + 29 \cdot 31^{13} + 20 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 11 \cdot 31^{17} + 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 31^{13} + 20 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 4) = 3 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 3, 1) = 27 \cdot 31^{12} + 23 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 4 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 2, 2) = 4 \cdot 31^{12} + 21 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 2, 1, 1) = 5 \cdot 31^{12} + 27 \cdot 31^{13} + 28 \cdot 31^{14} + 23 \cdot 31^{15} + 12 \cdot 31^{16} + 12 \cdot 31^{17} + 30 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 3) = 6 \cdot 31^{12} + 19 \cdot 31^{13} + 11 \cdot 31^{14} + 20 \cdot 31^{15} + 4 \cdot 31^{16} + 19 \cdot 31^{17} + 27 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 2, 1) = 30 \cdot 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{14} + 18 \cdot 31^{15} + 18 \cdot 31^{16} + 4 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 1, 2) = 27 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 4 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 10) = 8 \cdot 31^{12} + 31^{13} + 26 \cdot 31^{14} + 26 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 9, 1) = 7 \cdot 31^{12} + 27 \cdot 31^{13} + 30 \cdot 31^{14} + 18 \cdot 31^{15} + 10 \cdot 31^{16} + 19 \cdot 31^{17} + 16 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 8, 2) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{16} + 13 \cdot 31^{17} + 17 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 8, 1, 1) = 19 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 7 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 26 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 7, 3) = 18 \cdot 31^{12} + 4 \cdot 31^{13} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 7, 2, 1) = 22 \cdot 31^{12} + 26 \cdot 31^{13} + 28 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 2 \cdot 31^{17} + 28 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 7, 1, 2) = 4 \cdot 31^{12} + 21 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 7, 1, 1, 1) = 18 \cdot 31^{12} + 25 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 2 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 6, 4) = 14 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 9 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 6, 3, 1) = 4 \cdot 31^{12} + 8 \cdot 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 30 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 6, 2, 2) = 15 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 19 \cdot 31^{16} + 4 \cdot 31^{17} + 13 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 6, 2, 1, 1) = 19 \cdot 31^{12} + 7 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 8 \cdot 31^{16} + 30 \cdot 31^{17} + 27 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 6, 1, 3) = 22 \cdot 31^{12} + 27 \cdot 31^{13} + 17 \cdot 31^{14} + 4 \cdot 31^{15} + 22 \cdot 31^{16} + 11 \cdot 31^{17} + 2 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 6, 1, 2, 1) = 16 \cdot 31^{12} + 25 \cdot 31^{13} + 7 \cdot 31^{14} + 21 \cdot 31^{15} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 30 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 6, 1, 1, 2) = 4 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 20 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 6, 1, 1, 1, 1) = 13 \cdot 31^{12} + 19 \cdot 31^{13} + 22 \cdot 31^{14} + 29 \cdot 31^{15} + 3 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 5, 5) = 6 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 13 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 5, 4, 1) = 24 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{15} + 7 \cdot 31^{16} + 6 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 5, 3, 2) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 8 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 13 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 5, 3, 1, 1) = 26 \cdot 31^{12} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 21 \cdot 31^{15} + 4 \cdot 31^{16} + 28 \cdot 31^{17} + 6 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 5, 2, 3) = 19 \cdot 31^{13} + 14 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 30 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 5, 2, 2, 1) = 24 \cdot 31^{12} + 21 \cdot 31^{13} + 30 \cdot 31^{14} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 4 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 5, 2, 1, 2) = 21 \cdot 31^{12} + 15 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 5, 2, 1, 1, 1) = 18 \cdot 31^{12} + 19 \cdot 31^{13} + 18 \cdot 31^{14} + 18 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 5, 1, 4) = 12 \cdot 31^{12} + 6 \cdot 31^{13} + 4 \cdot 31^{14} + 16 \cdot 31^{15} + 22 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 5, 1, 3, 1) = 10 \cdot 31^{12} + 4 \cdot 31^{13} + 3 \cdot 31^{14} + 28 \cdot 31^{15} + 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 5, 1, 2, 2) = 11 \cdot 31^{12} + 13 \cdot 31^{13} + 7 \cdot 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 5 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 5, 1, 2, 1, 1) = 7 \cdot 31^{12} + 4 \cdot 31^{13} + 18 \cdot 31^{14} + 18 \cdot 31^{15} + 12 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 5, 1, 1, 3) = 12 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 17 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 5, 1, 1, 2, 1) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 31^{15} + 18 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 5, 1, 1, 1, 2) = 31^{12} + 17 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 5, 1, 1, 1, 1, 1) = 30 \cdot 31^{12} + 6 \cdot 31^{13} + 29 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 20 \cdot 31^{17} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 4, 6) = 22 \cdot 31^{12} + 16 \cdot 31^{13} + 21 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 4, 5, 1) = 30 \cdot 31^{12} + 23 \cdot 31^{13} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 4, 4, 2) = 9 \cdot 31^{12} + 20 \cdot 31^{13} + 26 \cdot 31^{14} + 24 \cdot 31^{15} + 28 \cdot 31^{16} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 4, 4, 1, 1) = 7 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 4, 3, 3) = 4 \cdot 31^{12} + 20 \cdot 31^{14} + 18 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 6 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 4, 3, 2, 1) = 15 \cdot 31^{12} + 29 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 4, 3, 1, 2) = 18 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 4, 3, 1, 1, 1) = 3 \cdot 31^{12} + 10 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 2 \cdot 31^{16} + 22 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 4, 2, 4) = 19 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 4, 2, 3, 1) = 19 \cdot 31^{12} + 15 \cdot 31^{13} + 26 \cdot 31^{14} + 18 \cdot 31^{15} + 21 \cdot 31^{16} + 6 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 4, 2, 2, 2) = 29 \cdot 31^{12} + 3 \cdot 31^{13} + 19 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 4, 2, 2, 1, 1) = 11 \cdot 31^{12} + 8 \cdot 31^{13} + 28 \cdot 31^{14} + 10 \cdot 31^{15} + 2 \cdot 31^{16} + 2 \cdot 31^{17} + 13 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 4, 2, 1, 3) = 8 \cdot 31^{12} + 20 \cdot 31^{13} + 16 \cdot 31^{14} + 19 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 4, 2, 1, 2, 1) = 8 \cdot 31^{12} + 22 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{16} + 13 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 4, 2, 1, 1, 2) = 8 \cdot 31^{12} + 27 \cdot 31^{13} + 12 \cdot 31^{14} + 21 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 4, 2, 1, 1, 1, 1) = 14 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{14} + 19 \cdot 31^{15} + 16 \cdot 31^{16} + 19 \cdot 31^{17} + 28 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 4, 1, 5) = 19 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 4, 1, 4, 1) = 18 \cdot 31^{12} + 6 \cdot 31^{13} + 20 \cdot 31^{14} + 8 \cdot 31^{15} + 12 \cdot 31^{16} + 25 \cdot 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 4, 1, 3, 2) = 22 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 26 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 4, 1, 3, 1, 1) = 30 \cdot 31^{12} + 9 \cdot 31^{13} + 27 \cdot 31^{14} + 6 \cdot 31^{15} + 2 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 4, 1, 2, 3) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 4 \cdot 31^{14} + 11 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 4, 1, 2, 2, 1) = 30 \cdot 31^{12} + 23 \cdot 31^{13} + 30 \cdot 31^{14} + 5 \cdot 31^{15} + 18 \cdot 31^{16} + 18 \cdot 31^{17} + 15 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 4, 1, 2, 1, 2) = 29 \cdot 31^{12} + 29 \cdot 31^{13} + 30 \cdot 31^{14} + 28 \cdot 31^{15} + 20 \cdot 31^{16} + 11 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 4, 1, 2, 1, 1, 1) = 13 \cdot 31^{12} + 14 \cdot 31^{13} + 23 \cdot 31^{14} + 29 \cdot 31^{15} + 21 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 4, 1, 1, 4) = 17 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 15 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 4, 1, 1, 3, 1) = 26 \cdot 31^{12} + 2 \cdot 31^{13} + 27 \cdot 31^{14} + 2 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 4, 1, 1, 2, 2) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 28 \cdot 31^{14} + 13 \cdot 31^{15} + 9 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 4, 1, 1, 2, 1, 1) = 14 \cdot 31^{12} + 30 \cdot 31^{13} + 13 \cdot 31^{14} + 25 \cdot 31^{15} + 13 \cdot 31^{16} + 10 \cdot 31^{17} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 4, 1, 1, 1, 3) = 11 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 14 \cdot 31^{17} + 6 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 4, 1, 1, 1, 2, 1) = 27 \cdot 31^{12} + 19 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 6 \cdot 31^{16} + 23 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 4, 1, 1, 1, 1, 2) = 20 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 12 \cdot 31^{15} + 21 \cdot 31^{16} + 31^{17} + 10 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 4, 1, 1, 1, 1, 1, 1) = 17 \cdot 31^{12} + 23 \cdot 31^{13} + 26 \cdot 31^{15} + 6 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 7) = 28 \cdot 31^{14} + 6 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 6, 1) = 14 \cdot 31^{12} + 27 \cdot 31^{13} + 30 \cdot 31^{14} + 8 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 5, 2) = 31^{12} + 18 \cdot 31^{13} + 31^{14} + 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 5 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 5, 1, 1) = 19 \cdot 31^{12} + 28 \cdot 31^{13} + 18 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{17} + 25 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 4, 3) = 9 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 24 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 4, 2, 1) = 15 \cdot 31^{12} + 5 \cdot 31^{13} + 9 \cdot 31^{14} + 14 \cdot 31^{15} + 3 \cdot 31^{16} + 8 \cdot 31^{17} + 18 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 4, 1, 2) = 7 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 4 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 4, 1, 1, 1) = 13 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 12 \cdot 31^{16} + 12 \cdot 31^{17} + 6 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 3, 4) = 11 \cdot 31^{12} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 13 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 3, 3, 1) = 19 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 20 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 22 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 3, 2, 2) = 29 \cdot 31^{12} + 24 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 22 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 3, 2, 1, 1) = 18 \cdot 31^{12} + 9 \cdot 31^{13} + 26 \cdot 31^{14} + 15 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 3, 1, 3) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 3, 1, 2, 1) = 24 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 2 \cdot 31^{15} + 28 \cdot 31^{16} + 18 \cdot 31^{17} + 6 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 3, 1, 1, 2) = 8 \cdot 31^{12} + 20 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 3, 1, 1, 1, 1) = 8 \cdot 31^{12} + 24 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 2, 5) = 4 \cdot 31^{13} + 28 \cdot 31^{14} + 9 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 27 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 2, 4, 1) = 7 \cdot 31^{12} + 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{17} + 9 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 2, 3, 2) = 21 \cdot 31^{12} + 14 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 2, 3, 1, 1) = 5 \cdot 31^{12} + 24 \cdot 31^{13} + 8 \cdot 31^{14} + 11 \cdot 31^{15} + 10 \cdot 31^{16} + 12 \cdot 31^{17} + 16 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 2, 2, 3) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 2, 2, 2, 1) = 25 \cdot 31^{12} + 24 \cdot 31^{13} + 12 \cdot 31^{14} + 7 \cdot 31^{15} + 30 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 2, 2, 1, 2) = 4 \cdot 31^{12} + 10 \cdot 31^{13} + 30 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 2, 2, 1, 1, 1) = 20 \cdot 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 2, 1, 4) = 13 \cdot 31^{12} + 23 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 29 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 2, 1, 3, 1) = 9 \cdot 31^{12} + 4 \cdot 31^{13} + 12 \cdot 31^{14} + 7 \cdot 31^{15} + 26 \cdot 31^{16} + 30 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 2, 1, 2, 2) = 11 \cdot 31^{12} + 29 \cdot 31^{13} + 31^{14} + 16 \cdot 31^{15} + 29 \cdot 31^{16} + 19 \cdot 31^{17} + 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 2, 1, 2, 1, 1) = 12 \cdot 31^{12} + 10 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 30 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 2, 1, 1, 3) = 24 \cdot 31^{12} + 9 \cdot 31^{13} + 23 \cdot 31^{14} + 24 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 5 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 2, 1, 1, 2, 1) = 2 \cdot 31^{12} + 10 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 26 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 2, 1, 1, 1, 2) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 18 \cdot 31^{15} + 3 \cdot 31^{17} + 16 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 2, 1, 1, 1, 1, 1) = 21 \cdot 31^{12} + 19 \cdot 31^{13} + 7 \cdot 31^{14} + 31^{15} + 5 \cdot 31^{16} + 14 \cdot 31^{17} + 10 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 6) = 24 \cdot 31^{12} + 30 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 5, 1) = 14 \cdot 31^{12} + 24 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 10 \cdot 31^{17} + 26 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 4, 2) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 28 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 4, 1, 1) = 16 \cdot 31^{12} + 9 \cdot 31^{13} + 24 \cdot 31^{14} + 30 \cdot 31^{15} + 28 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 3, 3) = 15 \cdot 31^{12} + 26 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 5 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 3, 2, 1) = 15 \cdot 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{14} + 19 \cdot 31^{15} + 29 \cdot 31^{16} + 2 \cdot 31^{17} + 17 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 3, 1, 2) = 23 \cdot 31^{12} + 5 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 20 \cdot 31^{17} + 4 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 3, 1, 1, 1) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 26 \cdot 31^{14} + 21 \cdot 31^{15} + 7 \cdot 31^{16} + 7 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 2, 4) = 23 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 2 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 2, 3, 1) = 16 \cdot 31^{12} + 29 \cdot 31^{14} + 10 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 4 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 2, 2, 2) = 6 \cdot 31^{12} + 23 \cdot 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 2, 2, 1, 1) = 14 \cdot 31^{12} + 24 \cdot 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{17} + 10 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 2, 1, 3) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 2, 1, 2, 1) = 12 \cdot 31^{12} + 12 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 2, 1, 1, 2) = 16 \cdot 31^{12} + 24 \cdot 31^{13} + 20 \cdot 31^{14} + 3 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 9 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 2, 1, 1, 1, 1) = 27 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 21 \cdot 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 5) = 29 \cdot 31^{12} + 24 \cdot 31^{13} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 4, 1) = 9 \cdot 31^{12} + 5 \cdot 31^{13} + 20 \cdot 31^{14} + 21 \cdot 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 3, 2) = 25 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 3, 1, 1) = 25 \cdot 31^{12} + 15 \cdot 31^{13} + 10 \cdot 31^{14} + 4 \cdot 31^{15} + 4 \cdot 31^{16} + 17 \cdot 31^{17} + 6 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 2, 3) = 22 \cdot 31^{12} + 7 \cdot 31^{13} + 6 \cdot 31^{14} + 9 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 24 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 2, 2, 1) = 26 \cdot 31^{12} + 20 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 28 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 2, 1, 2) = 16 \cdot 31^{12} + 21 \cdot 31^{13} + 3 \cdot 31^{14} + 7 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 2, 1, 1, 1) = 3 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 9 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{17} + 23 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 4) = 8 \cdot 31^{12} + 22 \cdot 31^{13} + 21 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 3, 1) = 8 \cdot 31^{12} + 5 \cdot 31^{13} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 14 \cdot 31^{17} + 6 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 2, 2) = 11 \cdot 31^{12} + 13 \cdot 31^{13} + 7 \cdot 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 5 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 2, 1, 1) = 3 \cdot 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{14} + 30 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 16 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 3) = 2 \cdot 31^{12} + 9 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 10 \cdot 31^{16} + 24 \cdot 31^{17} + 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 2, 1) = 12 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 26 \cdot 31^{16} + 22 \cdot 31^{17} + 6 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 1, 2) = 27 \cdot 31^{12} + 19 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 6 \cdot 31^{16} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 26 \cdot 31^{12} + 31^{13} + 19 \cdot 31^{14} + 14 \cdot 31^{15} + 21 \cdot 31^{16} + 21 \cdot 31^{17} + 22 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 8) = 24 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 28 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 7, 1) = 19 \cdot 31^{12} + 30 \cdot 31^{13} + 24 \cdot 31^{14} + 21 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 25 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 6, 2) = 11 \cdot 31^{12} + 22 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 2 \cdot 31^{16} + 10 \cdot 31^{17} + 15 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 6, 1, 1) = 22 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 5 \cdot 31^{15} + 30 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 5, 3) = 15 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 13 \cdot 31^{16} + 28 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 5, 2, 1) = 2 \cdot 31^{12} + 3 \cdot 31^{13} + 3 \cdot 31^{14} + 19 \cdot 31^{15} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 5, 1, 2) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 21 \cdot 31^{14} + 6 \cdot 31^{15} + 21 \cdot 31^{16} + 24 \cdot 31^{17} + 17 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 5, 1, 1, 1) = 28 \cdot 31^{12} + 23 \cdot 31^{13} + 30 \cdot 31^{14} + 3 \cdot 31^{15} + 25 \cdot 31^{16} + 27 \cdot 31^{17} + 23 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 4, 4) = 30 \cdot 31^{12} + 19 \cdot 31^{13} + 22 \cdot 31^{14} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 4, 3, 1) = 6 \cdot 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 31^{15} + 21 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 4, 2, 2) = 4 \cdot 31^{12} + 21 \cdot 31^{13} + 13 \cdot 31^{14} + 16 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 4, 2, 1, 1) = 12 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 20 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 4, 1, 3) = 17 \cdot 31^{12} + 5 \cdot 31^{13} + 9 \cdot 31^{14} + 20 \cdot 31^{15} + 15 \cdot 31^{16} + 3 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 4, 1, 2, 1) = 27 \cdot 31^{12} + 14 \cdot 31^{13} + 2 \cdot 31^{14} + 25 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 4, 1, 1, 2) = 7 \cdot 31^{12} + 21 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 21 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 4, 1, 1, 1, 1) = 12 \cdot 31^{12} + 8 \cdot 31^{13} + 5 \cdot 31^{15} + 10 \cdot 31^{16} + 15 \cdot 31^{17} + 19 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 3, 5) = 30 \cdot 31^{12} + 12 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 18 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 3, 4, 1) = 27 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 15 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 19 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 3, 3, 2) = 3 \cdot 31^{12} + 18 \cdot 31^{13} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 3, 3, 1, 1) = 13 \cdot 31^{12} + 26 \cdot 31^{13} + 24 \cdot 31^{15} + 23 \cdot 31^{16} + 23 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 3, 2, 3) = 11 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 14 \cdot 31^{16} + 15 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 3, 2, 2, 1) = 18 \cdot 31^{12} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 3, 2, 1, 2) = 20 \cdot 31^{12} + 8 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 30 \cdot 31^{17} + 29 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 3, 2, 1, 1, 1) = 24 \cdot 31^{12} + 30 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 6 \cdot 31^{16} + 28 \cdot 31^{17} + 30 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 3, 1, 4) = 13 \cdot 31^{12} + 21 \cdot 31^{13} + 30 \cdot 31^{14} + 23 \cdot 31^{15} + 11 \cdot 31^{16} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 3, 1, 3, 1) = 25 \cdot 31^{12} + 23 \cdot 31^{13} + 19 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 29 \cdot 31^{17} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 3, 1, 2, 2) = 6 \cdot 31^{12} + 23 \cdot 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 3, 1, 2, 1, 1) = 3 \cdot 31^{12} + 12 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 21 \cdot 31^{16} + 26 \cdot 31^{17} + 14 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 3, 1, 1, 3) = 24 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 28 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 3, 1, 1, 2, 1) = 13 \cdot 31^{13} + 15 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 13 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 3, 1, 1, 1, 2) = 28 \cdot 31^{12} + 31^{13} + 6 \cdot 31^{14} + 28 \cdot 31^{15} + 8 \cdot 31^{16} + 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 3, 1, 1, 1, 1) = 15 \cdot 31^{12} + 8 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 13 \cdot 31^{16} + 9 \cdot 31^{17} + 23 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 6) = 6 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 30 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 27 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 5, 1) = 26 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 11 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 24 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 4, 2) = 7 \cdot 31^{12} + 24 \cdot 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 4, 1, 1) = 20 \cdot 31^{12} + 9 \cdot 31^{13} + 11 \cdot 31^{14} + 30 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 3, 3) = 28 \cdot 31^{12} + 15 \cdot 31^{13} + 9 \cdot 31^{14} + 9 \cdot 31^{16} + 29 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 3, 2, 1) = 3 \cdot 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 24 \cdot 31^{15} + 28 \cdot 31^{16} + 6 \cdot 31^{17} + 27 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 3, 1, 2) = 7 \cdot 31^{12} + 9 \cdot 31^{13} + 10 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 30 \cdot 31^{17} + 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 3, 1, 1, 1) = 16 \cdot 31^{12} + 6 \cdot 31^{13} + 7 \cdot 31^{14} + 19 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 2, 4) = 30 \cdot 31^{12} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 10 \cdot 31^{16} + 4 \cdot 31^{17} + 6 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 2, 3, 1) = 7 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 2, 2, 2) = O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 2, 2, 1, 1) = 10 \cdot 31^{12} + 27 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 8 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 2, 1, 3) = 3 \cdot 31^{12} + 4 \cdot 31^{13} + 27 \cdot 31^{14} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 2, 1, 2, 1) = 7 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 19 \cdot 31^{15} + 31^{16} + 30 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 2, 1, 1, 2) = 23 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 7 \cdot 31^{15} + 28 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 2, 1, 1, 1, 1) = 29 \cdot 31^{12} + 10 \cdot 31^{13} + 8 \cdot 31^{14} + 15 \cdot 31^{15} + 28 \cdot 31^{16} + 24 \cdot 31^{17} + 23 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 5) = 31^{12} + 7 \cdot 31^{13} + 2 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 4, 1) = 16 \cdot 31^{12} + 16 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 7 \cdot 31^{17} + 23 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 3, 2) = 14 \cdot 31^{12} + 4 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 21 \cdot 31^{16} + 12 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 3, 1, 1) = 24 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 11 \cdot 31^{15} + 25 \cdot 31^{16} + 23 \cdot 31^{17} + 21 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 2, 3) = 30 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 23 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 6 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 2, 2, 1) = 27 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 16 \cdot 31^{16} + 18 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 2, 1, 2) = 22 \cdot 31^{12} + 10 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 2, 1, 1, 1) = 22 \cdot 31^{12} + 30 \cdot 31^{13} + 17 \cdot 31^{14} + 21 \cdot 31^{15} + 20 \cdot 31^{16} + 16 \cdot 31^{17} + 22 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 4) = 12 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 29 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 15 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 3, 1) = 29 \cdot 31^{12} + 26 \cdot 31^{13} + 27 \cdot 31^{14} + 4 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 2, 2) = 29 \cdot 31^{12} + 3 \cdot 31^{13} + 19 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 2, 1, 1) = 23 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 5 \cdot 31^{15} + 13 \cdot 31^{16} + 30 \cdot 31^{17} + 28 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 3) = 21 \cdot 31^{12} + 28 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 7 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 2, 1) = 10 \cdot 31^{12} + 13 \cdot 31^{13} + 22 \cdot 31^{14} + 27 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 13 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 1, 2) = 30 \cdot 31^{12} + 21 \cdot 31^{13} + 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 10 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 2, 1, 1, 1, 1, 1) = 4 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 21 \cdot 31^{15} + 18 \cdot 31^{17} + 20 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 7) = 26 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 6 \cdot 31^{15} + 11 \cdot 31^{16} + 20 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 6, 1) = 8 \cdot 31^{12} + 10 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 5, 2) = 31^{12} + 26 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 5, 1, 1) = 3 \cdot 31^{12} + 4 \cdot 31^{13} + 11 \cdot 31^{14} + 22 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 4, 3) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 18 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 4, 2, 1) = 10 \cdot 31^{12} + 24 \cdot 31^{13} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 26 \cdot 31^{16} + 19 \cdot 31^{17} + 4 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 4, 1, 2) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 11 \cdot 31^{14} + 28 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 4, 1, 1, 1) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 11 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 3, 4) = 10 \cdot 31^{12} + 11 \cdot 31^{13} + 18 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 8 \cdot 31^{17} + 17 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 3, 3, 1) = 31^{12} + 6 \cdot 31^{13} + 14 \cdot 31^{14} + 17 \cdot 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 19 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 3, 2, 2) = 4 \cdot 31^{12} + 9 \cdot 31^{13} + 18 \cdot 31^{14} + 10 \cdot 31^{15} + 3 \cdot 31^{16} + 27 \cdot 31^{17} + 24 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 3, 2, 1, 1) = 10 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 6 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 12 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 3, 1, 3) = 15 \cdot 31^{12} + 17 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 8 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 3, 1, 2, 1) = 20 \cdot 31^{12} + 30 \cdot 31^{13} + 23 \cdot 31^{14} + 4 \cdot 31^{15} + 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 3, 1, 1, 2) = 29 \cdot 31^{12} + 3 \cdot 31^{13} + 9 \cdot 31^{14} + 14 \cdot 31^{15} + 5 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 3, 1, 1, 1) = 2 \cdot 31^{12} + 7 \cdot 31^{13} + 6 \cdot 31^{14} + 11 \cdot 31^{15} + 5 \cdot 31^{16} + 2 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 5) = 8 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 7 \cdot 31^{16} + 16 \cdot 31^{17} + 2 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 4, 1) = 24 \cdot 31^{12} + 20 \cdot 31^{14} + 10 \cdot 31^{16} + 30 \cdot 31^{17} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 3, 2) = 25 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 15 \cdot 31^{16} + 23 \cdot 31^{17} + 8 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 3, 1, 1) = 4 \cdot 31^{12} + 30 \cdot 31^{13} + 24 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 2, 3) = 29 \cdot 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 10 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 2, 2, 1) = 14 \cdot 31^{12} + 10 \cdot 31^{13} + 9 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 22 \cdot 31^{17} + 21 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 2, 1, 2) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 18 \cdot 31^{14} + 28 \cdot 31^{15} + 11 \cdot 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 2, 1, 1, 1) = 4 \cdot 31^{12} + 16 \cdot 31^{13} + 5 \cdot 31^{14} + 28 \cdot 31^{15} + 7 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 4) = 8 \cdot 31^{12} + 25 \cdot 31^{13} + 9 \cdot 31^{14} + 28 \cdot 31^{15} + 12 \cdot 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 3, 1) = 14 \cdot 31^{12} + 11 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 24 \cdot 31^{16} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 2, 2) = 29 \cdot 31^{12} + 24 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 22 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 2, 1, 1) = 24 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 15 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 3) = 12 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 17 \cdot 31^{15} + 6 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 2, 1) = 12 \cdot 31^{12} + 2 \cdot 31^{13} + 13 \cdot 31^{14} + 10 \cdot 31^{15} + 12 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 1, 2) = 18 \cdot 31^{12} + 11 \cdot 31^{13} + 19 \cdot 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 31^{12} + 27 \cdot 31^{14} + 19 \cdot 31^{15} + 2 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 6) = 8 \cdot 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{14} + 10 \cdot 31^{15} + 4 \cdot 31^{16} + 21 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 5, 1) = 15 \cdot 31^{12} + 9 \cdot 31^{13} + 5 \cdot 31^{14} + 20 \cdot 31^{15} + 15 \cdot 31^{16} + 10 \cdot 31^{17} + 16 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 4, 2) = 19 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 24 \cdot 31^{17} + 2 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 4, 1, 1) = 6 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 22 \cdot 31^{15} + 17 \cdot 31^{16} + 18 \cdot 31^{17} + 16 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 3, 3) = 23 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 9 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 3, 2, 1) = 24 \cdot 31^{12} + 16 \cdot 31^{13} + 9 \cdot 31^{14} + 8 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 3, 1, 2) = 14 \cdot 31^{12} + 21 \cdot 31^{13} + 16 \cdot 31^{14} + 21 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 3, 1, 1, 1) = 29 \cdot 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 2 \cdot 31^{16} + 10 \cdot 31^{17} + 26 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 4) = 15 \cdot 31^{12} + 4 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 3, 1) = 15 \cdot 31^{12} + 3 \cdot 31^{13} + 22 \cdot 31^{14} + 6 \cdot 31^{15} + 4 \cdot 31^{16} + 11 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 2, 2) = 4 \cdot 31^{12} + 21 \cdot 31^{13} + 13 \cdot 31^{14} + 16 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 2, 1, 1) = 25 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 23 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 29 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 3) = 10 \cdot 31^{12} + 27 \cdot 31^{13} + 9 \cdot 31^{14} + 12 \cdot 31^{15} + 14 \cdot 31^{16} + 11 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 2, 1) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 21 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 1, 2) = 17 \cdot 31^{12} + 13 \cdot 31^{13} + 12 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 2 \cdot 31^{17} + 10 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 7 \cdot 31^{12} + 7 \cdot 31^{13} + 17 \cdot 31^{14} + 7 \cdot 31^{15} + 3 \cdot 31^{16} + 11 \cdot 31^{17} + 27 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 5) = 27 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 6 \cdot 31^{16} + 22 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 4, 1) = 5 \cdot 31^{12} + 12 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 3, 2) = 9 \cdot 31^{12} + 21 \cdot 31^{14} + 21 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 3, 1, 1) = 20 \cdot 31^{12} + 24 \cdot 31^{13} + 2 \cdot 31^{15} + 25 \cdot 31^{16} + 17 \cdot 31^{17} + 5 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 3) = 9 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 8 \cdot 31^{17} + 26 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 2, 1) = 10 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 22 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 1, 2) = 29 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 10 \cdot 31^{12} + 2 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 23 \cdot 31^{17} + 29 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 4) = 26 \cdot 31^{12} + 26 \cdot 31^{13} + 7 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 3, 1) = 28 \cdot 31^{12} + 29 \cdot 31^{13} + 3 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 2, 2) = 15 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 19 \cdot 31^{16} + 4 \cdot 31^{17} + 13 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 20 \cdot 31^{12} + 3 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 13 \cdot 31^{16} + 6 \cdot 31^{17} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 3) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 31^{12} + 20 \cdot 31^{13} + 14 \cdot 31^{14} + 8 \cdot 31^{15} + 7 \cdot 31^{16} + 6 \cdot 31^{17} + 25 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 17 \cdot 31^{12} + 10 \cdot 31^{13} + 5 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 29 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 3 \cdot 31^{15} + 10 \cdot 31^{16} + 12 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 9) = 24 \cdot 31^{12} + 22 \cdot 31^{13} + 18 \cdot 31^{14} + 2 \cdot 31^{15} + 22 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 8, 1) = 2 \cdot 31^{12} + 10 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 12 \cdot 31^{16} + 21 \cdot 31^{17} + 30 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 7, 2) = 15 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 31^{15} + 31^{16} + 19 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 7, 1, 1) = 16 \cdot 31^{12} + 10 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 6 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 6, 3) = 16 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 6, 2, 1) = 12 \cdot 31^{12} + 21 \cdot 31^{13} + 23 \cdot 31^{14} + 29 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 7 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 6, 1, 2) = 28 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 10 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 21 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 6, 1, 1, 1) = 4 \cdot 31^{13} + 31^{14} + 29 \cdot 31^{15} + 8 \cdot 31^{16} + 14 \cdot 31^{17} + 28 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 5, 4) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 5, 3, 1) = 28 \cdot 31^{12} + 23 \cdot 31^{13} + 19 \cdot 31^{14} + 6 \cdot 31^{15} + 10 \cdot 31^{16} + 10 \cdot 31^{17} + 25 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 5, 2, 2) = 9 \cdot 31^{12} + 21 \cdot 31^{14} + 21 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 5, 2, 1, 1) = 13 \cdot 31^{12} + 8 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 7 \cdot 31^{17} + 26 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 5, 1, 3) = 9 \cdot 31^{12} + 17 \cdot 31^{13} + 25 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 19 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 5, 1, 2, 1) = 22 \cdot 31^{12} + 4 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 5, 1, 1, 2) = 22 \cdot 31^{13} + 27 \cdot 31^{14} + 20 \cdot 31^{15} + 4 \cdot 31^{16} + 11 \cdot 31^{17} + 28 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 5, 1, 1, 1, 1) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 20 \cdot 31^{14} + 29 \cdot 31^{15} + 14 \cdot 31^{16} + 16 \cdot 31^{17} + 25 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 4, 5) = 10 \cdot 31^{12} + 26 \cdot 31^{13} + 12 \cdot 31^{14} + 10 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 27 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 4, 4, 1) = 8 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{14} + 2 \cdot 31^{15} + 24 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 4, 3, 2) = 20 \cdot 31^{12} + 15 \cdot 31^{13} + 27 \cdot 31^{14} + 14 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 4, 3, 1, 1) = 2 \cdot 31^{13} + 20 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 19 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 4, 2, 3) = 27 \cdot 31^{12} + 20 \cdot 31^{13} + 10 \cdot 31^{14} + 16 \cdot 31^{15} + 24 \cdot 31^{16} + 13 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 4, 2, 2, 1) = 27 \cdot 31^{12} + 29 \cdot 31^{13} + 9 \cdot 31^{14} + 4 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 16 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 4, 2, 1, 2) = 30 \cdot 31^{12} + 7 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{16} + 2 \cdot 31^{17} + 5 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 4, 2, 1, 1, 1) = 6 \cdot 31^{12} + 23 \cdot 31^{13} + 21 \cdot 31^{14} + 10 \cdot 31^{15} + 17 \cdot 31^{16} + 30 \cdot 31^{17} + 30 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 4, 1, 4) = 29 \cdot 31^{12} + 10 \cdot 31^{13} + 20 \cdot 31^{14} + 14 \cdot 31^{15} + 2 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 4, 1, 3, 1) = 28 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 16 \cdot 31^{16} + 16 \cdot 31^{17} + 8 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 4, 1, 2, 2) = 25 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 4, 1, 2, 1, 1) = 19 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 8 \cdot 31^{15} + 16 \cdot 31^{16} + 16 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 4, 1, 1, 3) = 25 \cdot 31^{12} + 12 \cdot 31^{13} + 7 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 4, 1, 1, 2, 1) = 17 \cdot 31^{12} + 14 \cdot 31^{13} + 14 \cdot 31^{14} + 21 \cdot 31^{15} + 10 \cdot 31^{16} + 10 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 4, 1, 1, 1, 2) = 22 \cdot 31^{12} + 12 \cdot 31^{13} + 11 \cdot 31^{14} + 31^{15} + 2 \cdot 31^{17} + 12 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 4, 1, 1, 1, 1, 1) = 14 \cdot 31^{12} + 20 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 2 \cdot 31^{16} + 29 \cdot 31^{17} + 14 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 6) = 30 \cdot 31^{12} + 8 \cdot 31^{13} + 7 \cdot 31^{14} + 15 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 5, 1) = 15 \cdot 31^{12} + 23 \cdot 31^{13} + 12 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 24 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 4, 2) = 29 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 7 \cdot 31^{15} + 2 \cdot 31^{16} + 2 \cdot 31^{17} + 21 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 4, 1, 1) = 17 \cdot 31^{12} + 17 \cdot 31^{13} + 14 \cdot 31^{14} + 4 \cdot 31^{15} + 25 \cdot 31^{17} + 26 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 3, 3) = 24 \cdot 31^{12} + 28 \cdot 31^{13} + 19 \cdot 31^{14} + 10 \cdot 31^{15} + 27 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 3, 2, 1) = 5 \cdot 31^{12} + 14 \cdot 31^{13} + 31 \cdot 31^{14} + 13 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 16 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 3, 1, 2) = 17 \cdot 31^{12} + 30 \cdot 31^{13} + 31 \cdot 31^{14} + 29 \cdot 31^{15} + 31 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 3, 1, 1, 1) = 8 \cdot 31^{12} + 12 \cdot 31^{13} + 9 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 21 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 2, 4) = 15 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 4 \cdot 31^{16} + 8 \cdot 31^{17} + 5 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 2, 3, 1) = 20 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 18 \cdot 31^{15} + 26 \cdot 31^{16} + 14 \cdot 31^{17} + 11 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 2, 2, 2) = 14 \cdot 31^{12} + 4 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 21 \cdot 31^{16} + 12 \cdot 31^{17} + 10 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 2, 2, 1, 1) = 22 \cdot 31^{12} + 12 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 25 \cdot 31^{16} + 10 \cdot 31^{17} + 31 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 2, 1, 3) = 15 \cdot 31^{12} + 18 \cdot 31^{13} + 3 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 30 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 2, 1, 2, 1) = 16 \cdot 31^{12} + 5 \cdot 31^{14} + 2 \cdot 31^{15} + 18 \cdot 31^{16} + 3 \cdot 31^{17} + 16 \cdot 31^{18} + 31 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 2, 1, 1, 2) = 13 \cdot 31^{12} + 2 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 2, 1, 1, 1, 1) = 16 \cdot 31^{12} + 12 \cdot 31^{13} + 28 \cdot 31^{14} + 25 \cdot 31^{15} + 6 \cdot 31^{16} + 4 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 5) = 2 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 24 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 4, 1) = 8 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 7 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 3, 2) = 10 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 16 \cdot 31^{15} + 14 \cdot 31^{16} + 28 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 3, 1, 1) = 16 \cdot 31^{12} + 12 \cdot 31^{13} + 27 \cdot 31^{14} + 5 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 7 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 2, 3) = 5 \cdot 31^{12} + 3 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 8 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 2, 2, 1) = 15 \cdot 31^{12} + 21 \cdot 31^{13} + 16 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 2, 1, 2) = 21 \cdot 31^{12} + 31 \cdot 31^{13} + 29 \cdot 31^{14} + 5 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 2, 1, 1, 1) = 13 \cdot 31^{12} + 3 \cdot 31^{13} + 7 \cdot 31^{14} + 19 \cdot 31^{15} + 19 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 4) = 23 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{14} + 30 \cdot 31^{15} + 17 \cdot 31^{16} + 27 \cdot 31^{17} + 15 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 3, 1) = 31^{12} + 3 \cdot 31^{13} + 6 \cdot 31^{14} + 17 \cdot 31^{15} + 10 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 2, 2) = 22 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 26 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 2, 1, 1) = 10 \cdot 31^{12} + 20 \cdot 31^{13} + 7 \cdot 31^{14} + 6 \cdot 31^{15} + 18 \cdot 31^{16} + 9 \cdot 31^{17} + 9 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 3) = 28 \cdot 31^{12} + 21 \cdot 31^{13} + 6 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 2, 1) = 10 \cdot 31^{12} + 7 \cdot 31^{13} + 25 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 31 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 1, 2) = 5 \cdot 31^{12} + 20 \cdot 31^{13} + 26 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 30 \cdot 31^{12} + 5 \cdot 31^{13} + 30 \cdot 31^{14} + 7 \cdot 31^{15} + 11 \cdot 31^{16} + 30 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 7) = 30 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 18 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 6, 1) = 24 \cdot 31^{12} + 11 \cdot 31^{13} + 11 \cdot 31^{14} + 5 \cdot 31^{15} + 11 \cdot 31^{16} + 20 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 5, 2) = 10 \cdot 31^{12} + 14 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 11 \cdot 31^{16} + 26 \cdot 31^{17} + 12 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 5, 1, 1) = 27 \cdot 31^{12} + 31 \cdot 31^{13} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 8 \cdot 31^{16} + 7 \cdot 31^{17} + 30 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 4, 3) = 30 \cdot 31^{12} + 3 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 31 \cdot 31^{16} + 27 \cdot 31^{17} + 31 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 4, 2, 1) = 19 \cdot 31^{12} + 26 \cdot 31^{13} + 29 \cdot 31^{14} + 16 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 4, 1, 2) = 7 \cdot 31^{12} + 27 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 22 \cdot 31^{16} + 27 \cdot 31^{17} + 23 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 4, 1, 1, 1) = 29 \cdot 31^{12} + 8 \cdot 31^{13} + 29 \cdot 31^{14} + 2 \cdot 31^{15} + 11 \cdot 31^{16} + 20 \cdot 31^{17} + 5 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 3, 4) = 15 \cdot 31^{12} + 23 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 10 \cdot 31^{16} + 24 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 3, 3, 1) = 12 \cdot 31^{12} + 25 \cdot 31^{13} + 31 \cdot 31^{14} + 10 \cdot 31^{15} + 15 \cdot 31^{16} + 20 \cdot 31^{17} + 21 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 3, 2, 2) = 25 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 15 \cdot 31^{15} + 23 \cdot 31^{16} + 8 \cdot 31^{17} + 5 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 3, 2, 1, 1) = 7 \cdot 31^{12} + 11 \cdot 31^{13} + 10 \cdot 31^{14} + 28 \cdot 31^{15} + 12 \cdot 31^{16} + 4 \cdot 31^{17} + 5 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 3, 1, 3) = 18 \cdot 31^{12} + 10 \cdot 31^{13} + 21 \cdot 31^{14} + 28 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 31 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 3, 1, 2, 1) = 21 \cdot 31^{12} + 10 \cdot 31^{13} + 16 \cdot 31^{14} + 26 \cdot 31^{15} + 4 \cdot 31^{16} + 25 \cdot 31^{17} + 4 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 3, 1, 1, 2) = 27 \cdot 31^{12} + 24 \cdot 31^{13} + 26 \cdot 31^{14} + 25 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 18 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 3, 1, 1, 1, 1) = 3 \cdot 31^{12} + 10 \cdot 31^{14} + 29 \cdot 31^{15} + 8 \cdot 31^{16} + 12 \cdot 31^{17} + 6 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 5) = 25 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 11 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 4, 1) = 16 \cdot 31^{12} + 2 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 3, 2) = 12 \cdot 31^{12} + 11 \cdot 31^{13} + 29 \cdot 31^{14} + 29 \cdot 31^{15} + 15 \cdot 31^{16} + 13 \cdot 31^{17} + 20 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 3, 1, 1) = 15 \cdot 31^{12} + 13 \cdot 31^{13} + 9 \cdot 31^{14} + 4 \cdot 31^{15} + 5 \cdot 31^{16} + 18 \cdot 31^{17} + 30 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 2, 3) = 18 \cdot 31^{12} + 28 \cdot 31^{13} + 19 \cdot 31^{14} + 26 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 2, 2, 1) = 27 \cdot 31^{12} + 3 \cdot 31^{13} + 27 \cdot 31^{14} + 20 \cdot 31^{15} + 5 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 2, 1, 2) = 17 \cdot 31^{12} + 21 \cdot 31^{13} + 27 \cdot 31^{14} + 23 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 2, 1, 1, 1) = 7 \cdot 31^{12} + 16 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 4) = 31^{12} + 7 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 3, 1) = 29 \cdot 31^{12} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 14 \cdot 31^{15} + 4 \cdot 31^{16} + 14 \cdot 31^{17} + 31 \cdot 31^{18} + 31 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 2, 2) = 21 \cdot 31^{12} + 14 \cdot 31^{13} + 16 \cdot 31^{14} + 23 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 2, 1, 1) = 25 \cdot 31^{12} + 22 \cdot 31^{13} + 19 \cdot 31^{14} + 31 \cdot 31^{15} + 28 \cdot 31^{16} + 16 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 3) = 25 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 31 \cdot 31^{15} + 3 \cdot 31^{16} + 31 \cdot 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 2, 1) = 20 \cdot 31^{12} + 12 \cdot 31^{13} + 27 \cdot 31^{14} + 2 \cdot 31^{15} + 18 \cdot 31^{16} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 1, 2) = 31^{12} + 11 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 13 \cdot 31^{17} + 31 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 27 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 17 \cdot 31^{17} + 24 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 6) = 28 \cdot 31^{12} + 11 \cdot 31^{13} + 23 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 13 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 5, 1) = 15 \cdot 31^{12} + 2 \cdot 31^{13} + 13 \cdot 31^{14} + 24 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 14 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 4, 2) = 5 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 4 \cdot 31^{15} + 20 \cdot 31^{16} + 23 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 4, 1, 1) = 4 \cdot 31^{12} + 31 \cdot 31^{13} + 31 \cdot 31^{14} + 10 \cdot 31^{15} + 28 \cdot 31^{16} + 29 \cdot 31^{17} + 13 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 3, 3) = 12 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 2 \cdot 31^{17} + 8 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 3, 2, 1) = 30 \cdot 31^{13} + 5 \cdot 31^{14} + 29 \cdot 31^{15} + 14 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 3, 1, 2) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 23 \cdot 31^{17} + 15 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 3, 1, 1, 1) = 6 \cdot 31^{12} + 13 \cdot 31^{13} + 10 \cdot 31^{14} + 15 \cdot 31^{15} + 24 \cdot 31^{16} + 17 \cdot 31^{17} + 26 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 4) = 3 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 3, 1) = 21 \cdot 31^{12} + 11 \cdot 31^{13} + 27 \cdot 31^{14} + 24 \cdot 31^{15} + 11 \cdot 31^{16} + 18 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 2, 2) = 3 \cdot 31^{12} + 18 \cdot 31^{13} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 2, 1, 1) = 13 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 3) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 9 \cdot 31^{16} + 29 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 2, 1) = 8 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 27 \cdot 31^{15} + 22 \cdot 31^{16} + 16 \cdot 31^{17} + 29 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 1, 2) = 21 \cdot 31^{12} + 19 \cdot 31^{13} + 8 \cdot 31^{14} + 28 \cdot 31^{15} + 17 \cdot 31^{16} + 31 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 18 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 29 \cdot 31^{15} + 3 \cdot 31^{16} + 10 \cdot 31^{17} + 2 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 5) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 4, 1) = 29 \cdot 31^{12} + 7 \cdot 31^{13} + 21 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 3, 2) = 20 \cdot 31^{12} + 15 \cdot 31^{13} + 27 \cdot 31^{14} + 14 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 3, 1, 1) = 31^{12} + 20 \cdot 31^{13} + 19 \cdot 31^{14} + 24 \cdot 31^{15} + 12 \cdot 31^{16} + 23 \cdot 31^{17} + 17 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 3) = 30 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 9 \cdot 31^{15} + 9 \cdot 31^{16} + 11 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 2, 1) = 3 \cdot 31^{12} + 2 \cdot 31^{13} + 27 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 4 \cdot 31^{17} + 15 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 1, 2) = 29 \cdot 31^{13} + 21 \cdot 31^{14} + 14 \cdot 31^{15} + 3 \cdot 31^{16} + 23 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 10 \cdot 31^{12} + 15 \cdot 31^{13} + 14 \cdot 31^{14} + 27 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 4) = 17 \cdot 31^{12} + 19 \cdot 31^{13} + 26 \cdot 31^{14} + 20 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 3, 1) = 10 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 29 \cdot 31^{17} + 19 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 2, 2) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 6 \cdot 31^{14} + 8 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 13 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 13 \cdot 31^{12} + 18 \cdot 31^{13} + 3 \cdot 31^{14} + 5 \cdot 31^{15} + 6 \cdot 31^{16} + 14 \cdot 31^{17} + 13 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 3) = 10 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 18 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 31 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 4 \cdot 31^{12} + 4 \cdot 31^{13} + 4 \cdot 31^{14} + 9 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 31^{12} + 19 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{15} + 7 \cdot 31^{16} + 4 \cdot 31^{17} + 18 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 12 \cdot 31^{12} + 24 \cdot 31^{13} + 28 \cdot 31^{14} + 13 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 8) = 9 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 7, 1) = 3 \cdot 31^{12} + 17 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 9 \cdot 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 6, 2) = 30 \cdot 31^{12} + 9 \cdot 31^{13} + 11 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 6, 1, 1) = 19 \cdot 31^{14} + 2 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 2 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 5, 3) = 24 \cdot 31^{12} + 6 \cdot 31^{13} + 13 \cdot 31^{14} + 9 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 16 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 5, 2, 1) = 15 \cdot 31^{12} + 13 \cdot 31^{13} + 10 \cdot 31^{14} + 11 \cdot 31^{15} + 27 \cdot 31^{16} + 30 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 5, 1, 2) = 31^{12} + 15 \cdot 31^{13} + 31 \cdot 31^{14} + 10 \cdot 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 5, 1, 1, 1) = 6 \cdot 31^{12} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 25 \cdot 31^{16} + 5 \cdot 31^{17} + 6 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 4, 4) = 22 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 24 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 4, 3, 1) = 15 \cdot 31^{12} + 28 \cdot 31^{13} + 10 \cdot 31^{14} + 28 \cdot 31^{16} + 17 \cdot 31^{17} + 30 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 4, 2, 2) = 19 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 24 \cdot 31^{17} + 2 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 4, 2, 1, 1) = 16 \cdot 31^{12} + 23 \cdot 31^{13} + 29 \cdot 31^{14} + 24 \cdot 31^{15} + 21 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 4, 1, 3) = 31^{12} + 23 \cdot 31^{13} + 22 \cdot 31^{14} + 3 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 4, 1, 2, 1) = 19 \cdot 31^{12} + 23 \cdot 31^{13} + 16 \cdot 31^{14} + 30 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 22 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 4, 1, 1, 2) = 13 \cdot 31^{12} + 20 \cdot 31^{13} + 28 \cdot 31^{14} + 24 \cdot 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 4, 1, 1, 1, 1) = 17 \cdot 31^{12} + 4 \cdot 31^{13} + 13 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 5) = 28 \cdot 31^{13} + 30 \cdot 31^{14} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 4, 1) = 22 \cdot 31^{12} + 24 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 6 \cdot 31^{16} + 22 \cdot 31^{17} + 30 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 3, 2) = 5 \cdot 31^{12} + 26 \cdot 31^{13} + 2 \cdot 31^{14} + 4 \cdot 31^{15} + 20 \cdot 31^{16} + 23 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 3, 1, 1) = 28 \cdot 31^{12} + 26 \cdot 31^{14} + 27 \cdot 31^{15} + 5 \cdot 31^{16} + 16 \cdot 31^{17} + 17 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 2, 3) = 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{15} + 25 \cdot 31^{16} + 7 \cdot 31^{17} + 20 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 2, 2, 1) = 5 \cdot 31^{12} + 20 \cdot 31^{13} + 19 \cdot 31^{14} + 17 \cdot 31^{15} + 11 \cdot 31^{16} + 3 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 2, 1, 2) = 29 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{15} + 31^{16} + 15 \cdot 31^{17} + 25 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 2, 1, 1, 1) = 21 \cdot 31^{12} + 22 \cdot 31^{13} + 28 \cdot 31^{14} + 7 \cdot 31^{15} + 27 \cdot 31^{16} + 16 \cdot 31^{17} + 22 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 4) = 23 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 10 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 3, 1) = 4 \cdot 31^{12} + 9 \cdot 31^{14} + 27 \cdot 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 2, 2) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 28 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 2, 1, 1) = 9 \cdot 31^{12} + 3 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 23 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 3) = 14 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 2, 1) = 19 \cdot 31^{12} + 8 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 11 \cdot 31^{16} + 3 \cdot 31^{17} + 5 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 1, 2) = 27 \cdot 31^{12} + 25 \cdot 31^{13} + 18 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 4 \cdot 31^{17} + 15 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 21 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 9 \cdot 31^{15} + 7 \cdot 31^{16} + 6 \cdot 31^{17} + 9 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 6) = 19 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 5, 1) = 3 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 11 \cdot 31^{17} + 13 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 4, 2) = 7 \cdot 31^{12} + 20 \cdot 31^{13} + 13 \cdot 31^{14} + 11 \cdot 31^{15} + 2 \cdot 31^{16} + 23 \cdot 31^{17} + 25 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 4, 1, 1) = 3 \cdot 31^{12} + 29 \cdot 31^{13} + 21 \cdot 31^{14} + 2 \cdot 31^{15} + 6 \cdot 31^{16} + 24 \cdot 31^{17} + 15 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 3, 3) = 27 \cdot 31^{12} + 17 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{16} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 3, 2, 1) = 7 \cdot 31^{12} + 21 \cdot 31^{13} + 5 \cdot 31^{14} + 7 \cdot 31^{15} + 6 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 3, 1, 2) = 7 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 4 \cdot 31^{16} + 29 \cdot 31^{17} + 29 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 3, 1, 1, 1) = 18 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 9 \cdot 31^{15} + 3 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 4) = 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 3, 1) = 19 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 6 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 2, 2) = 7 \cdot 31^{12} + 24 \cdot 31^{13} + 16 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 2, 1, 1) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 30 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 3) = 13 \cdot 31^{12} + 4 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 2, 1) = 16 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 1, 2) = 14 \cdot 31^{12} + 8 \cdot 31^{13} + 8 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 6 \cdot 31^{17} + 19 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 31^{12} + 12 \cdot 31^{13} + 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 5) = 5 \cdot 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 4, 1) = 14 \cdot 31^{12} + 21 \cdot 31^{13} + 2 \cdot 31^{14} + 26 \cdot 31^{15} + 9 \cdot 31^{16} + 30 \cdot 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 3, 2) = 29 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 7 \cdot 31^{15} + 2 \cdot 31^{16} + 2 \cdot 31^{17} + 21 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 3, 1, 1) = 20 \cdot 31^{12} + 29 \cdot 31^{13} + 16 \cdot 31^{14} + 22 \cdot 31^{15} + 31^{16} + 2 \cdot 31^{17} + 23 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 3) = 17 \cdot 31^{12} + 7 \cdot 31^{13} + 18 \cdot 31^{14} + 21 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 2, 1) = 9 \cdot 31^{12} + 9 \cdot 31^{13} + 27 \cdot 31^{14} + 7 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 1, 2) = 2 \cdot 31^{12} + 26 \cdot 31^{13} + 9 \cdot 31^{15} + 26 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 31^{12} + 17 \cdot 31^{13} + 30 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 4) = 5 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 3, 1) = 25 \cdot 31^{12} + 12 \cdot 31^{13} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 11 \cdot 31^{16} + 29 \cdot 31^{17} + 30 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 2, 2) = 9 \cdot 31^{12} + 20 \cdot 31^{13} + 26 \cdot 31^{14} + 24 \cdot 31^{15} + 28 \cdot 31^{16} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 27 \cdot 31^{13} + 5 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 3) = 16 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 9 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 6 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 18 \cdot 31^{15} + 11 \cdot 31^{16} + 9 \cdot 31^{17} + 2 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 30 \cdot 31^{12} + 17 \cdot 31^{13} + 16 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 10 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 29 \cdot 31^{12} + 22 \cdot 31^{13} + 22 \cdot 31^{14} + 12 \cdot 31^{15} + 4 \cdot 31^{16} + 9 \cdot 31^{17} + 26 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 7) = 27 \cdot 31^{12} + 16 \cdot 31^{13} + 17 \cdot 31^{14} + 13 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 6, 1) = 20 \cdot 31^{12} + 14 \cdot 31^{13} + 27 \cdot 31^{14} + 2 \cdot 31^{15} + 4 \cdot 31^{16} + 5 \cdot 31^{17} + 17 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 5, 2) = 17 \cdot 31^{12} + 19 \cdot 31^{13} + 22 \cdot 31^{14} + 5 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 29 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 5, 1, 1) = 30 \cdot 31^{12} + 23 \cdot 31^{13} + 4 \cdot 31^{14} + 31^{15} + 26 \cdot 31^{16} + 12 \cdot 31^{17} + 28 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 4, 3) = 4 \cdot 31^{12} + 3 \cdot 31^{13} + 13 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 21 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 4, 2, 1) = 31^{12} + 5 \cdot 31^{13} + 19 \cdot 31^{14} + 10 \cdot 31^{15} + 18 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 4, 1, 2) = 19 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 4, 1, 1, 1) = 17 \cdot 31^{12} + 2 \cdot 31^{13} + 15 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 18 \cdot 31^{17} + 25 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 4) = 19 \cdot 31^{12} + 11 \cdot 31^{13} + 3 \cdot 31^{14} + 13 \cdot 31^{15} + 8 \cdot 31^{16} + 17 \cdot 31^{17} + 25 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 3, 1) = 18 \cdot 31^{12} + 20 \cdot 31^{13} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 13 \cdot 31^{17} + 18 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 2, 2) = 31^{12} + 26 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 2, 1, 1) = 26 \cdot 31^{12} + 13 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 15 \cdot 31^{16} + 20 \cdot 31^{17} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 3) = 12 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 2, 1) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 12 \cdot 31^{14} + 3 \cdot 31^{15} + 25 \cdot 31^{16} + 31^{17} + 29 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 1, 2) = 26 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 26 \cdot 31^{16} + 26 \cdot 31^{17} + 17 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 3, 1, 1, 1) = 6 \cdot 31^{12} + 9 \cdot 31^{13} + 23 \cdot 31^{14} + 23 \cdot 31^{15} + 12 \cdot 31^{16} + 8 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 5) = 4 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 4, 1) = 15 \cdot 31^{12} + 10 \cdot 31^{13} + 29 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 26 \cdot 31^{17} + 16 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 3, 2) = 10 \cdot 31^{12} + 14 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 11 \cdot 31^{16} + 26 \cdot 31^{17} + 12 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 3, 1, 1) = 28 \cdot 31^{12} + 27 \cdot 31^{13} + 30 \cdot 31^{14} + 14 \cdot 31^{15} + 26 \cdot 31^{16} + 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 3) = 17 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 26 \cdot 31^{16} + 24 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 2, 1) = 17 \cdot 31^{12} + 27 \cdot 31^{13} + 5 \cdot 31^{14} + 26 \cdot 31^{15} + 18 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 1, 2) = 10 \cdot 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 27 \cdot 31^{15} + 3 \cdot 31^{16} + 18 \cdot 31^{17} + 25 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 8 \cdot 31^{12} + 25 \cdot 31^{13} + 6 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 26 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 4) = 23 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 10 \cdot 31^{15} + 21 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 3, 1) = 27 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 19 \cdot 31^{17} + 25 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 2, 2) = 31^{12} + 18 \cdot 31^{13} + 31^{14} + 31^{15} + 28 \cdot 31^{16} + 3 \cdot 31^{17} + 5 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 12 \cdot 31^{12} + 27 \cdot 31^{13} + 25 \cdot 31^{14} + 9 \cdot 31^{15} + 8 \cdot 31^{16} + 16 \cdot 31^{17} + 24 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 3) = 26 \cdot 31^{12} + 23 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 6 \cdot 31^{12} + 13 \cdot 31^{13} + 19 \cdot 31^{14} + 4 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 21 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 25 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 27 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 23 \cdot 31^{12} + 3 \cdot 31^{13} + 10 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 27 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 6) = 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 5, 1) = 10 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 25 \cdot 31^{16} + 31^{17} + 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 4, 2) = 30 \cdot 31^{12} + 9 \cdot 31^{13} + 11 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 4, 1, 1) = 19 \cdot 31^{12} + 10 \cdot 31^{13} + 24 \cdot 31^{14} + 19 \cdot 31^{15} + 4 \cdot 31^{16} + 8 \cdot 31^{17} + 18 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 3) = 11 \cdot 31^{12} + 16 \cdot 31^{13} + 5 \cdot 31^{14} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 26 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 2, 1) = 18 \cdot 31^{12} + 3 \cdot 31^{13} + 15 \cdot 31^{14} + 19 \cdot 31^{15} + 27 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 1, 2) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 18 \cdot 31^{15} + 19 \cdot 31^{17} + 26 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 19 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 22 \cdot 31^{16} + 16 \cdot 31^{17} + 9 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 4) = 4 \cdot 31^{12} + 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{15} + 24 \cdot 31^{16} + 20 \cdot 31^{17} + 26 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 3, 1) = 9 \cdot 31^{12} + 9 \cdot 31^{13} + 18 \cdot 31^{17} + 6 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 2, 2) = 11 \cdot 31^{12} + 22 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 2 \cdot 31^{16} + 10 \cdot 31^{17} + 15 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 9 \cdot 31^{12} + 21 \cdot 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 2 \cdot 31^{16} + 4 \cdot 31^{17} + 14 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 3) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 13 \cdot 31^{14} + 26 \cdot 31^{15} + 16 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 26 \cdot 31^{12} + 12 \cdot 31^{13} + 12 \cdot 31^{14} + 11 \cdot 31^{15} + 8 \cdot 31^{16} + 12 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 6 \cdot 31^{12} + 19 \cdot 31^{13} + 16 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 9 \cdot 31^{17} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 9 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 15 \cdot 31^{17} + 16 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 5) = 15 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 31^{17} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 4, 1) = 7 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 29 \cdot 31^{15} + 5 \cdot 31^{16} + 23 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 2) = 15 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 31^{15} + 31^{16} + 19 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 3, 1, 1) = 31^{12} + 15 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 6 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 3) = 11 \cdot 31^{12} + 20 \cdot 31^{13} + 27 \cdot 31^{14} + 10 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 2, 1) = 30 \cdot 31^{12} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 22 \cdot 31^{16} + 28 \cdot 31^{17} + 6 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 2) = 2 \cdot 31^{12} + 30 \cdot 31^{13} + 5 \cdot 31^{14} + 4 \cdot 31^{15} + 23 \cdot 31^{16} + 28 \cdot 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 28 \cdot 31^{12} + 23 \cdot 31^{13} + 7 \cdot 31^{14} + 21 \cdot 31^{15} + 16 \cdot 31^{16} + 13 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 4) = 10 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 17 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 26 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 3, 1) = 27 \cdot 31^{12} + 25 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 25 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 2, 2) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 4 \cdot 31^{14} + 28 \cdot 31^{15} + 28 \cdot 31^{16} + 13 \cdot 31^{17} + 17 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 8 \cdot 31^{12} + 6 \cdot 31^{13} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 21 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 3) = 28 \cdot 31^{12} + 13 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 12 \cdot 31^{16} + 20 \cdot 31^{17} + 11 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 29 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 3 \cdot 31^{15} + 10 \cdot 31^{16} + 12 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 23 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 4 \cdot 31^{15} + 4 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 11) = 18 \cdot 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 11 \cdot 31^{15} + 25 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 10, 1) = 11 \cdot 31^{12} + 24 \cdot 31^{13} + 26 \cdot 31^{14} + 4 \cdot 31^{15} + 4 \cdot 31^{16} + 15 \cdot 31^{17} + 14 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 9, 2) = 28 \cdot 31^{12} + 13 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 12 \cdot 31^{16} + 20 \cdot 31^{17} + 11 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 9, 1, 1) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 14 \cdot 31^{14} + 6 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 8, 3) = 19 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 17 \cdot 31^{16} + 6 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 8, 2, 1) = 30 \cdot 31^{12} + 3 \cdot 31^{13} + 29 \cdot 31^{14} + 23 \cdot 31^{15} + 4 \cdot 31^{16} + 12 \cdot 31^{17} + 25 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 8, 1, 2) = 6 \cdot 31^{12} + 19 \cdot 31^{13} + 11 \cdot 31^{14} + 20 \cdot 31^{15} + 4 \cdot 31^{16} + 19 \cdot 31^{17} + 27 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 8, 1, 1, 1) = 24 \cdot 31^{12} + 6 \cdot 31^{13} + 12 \cdot 31^{14} + 9 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 7, 4) = 2 \cdot 31^{12} + 27 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 7, 3, 1) = 24 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 12 \cdot 31^{15} + 18 \cdot 31^{16} + 6 \cdot 31^{17} + 27 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 7, 2, 2) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 7, 2, 1, 1) = 11 \cdot 31^{12} + 19 \cdot 31^{13} + 31^{14} + 26 \cdot 31^{15} + 9 \cdot 31^{16} + 19 \cdot 31^{17} + 8 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 7, 1, 3) = 9 \cdot 31^{12} + 6 \cdot 31^{13} + 9 \cdot 31^{14} + 25 \cdot 31^{15} + 4 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 7, 1, 2, 1) = 27 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 25 \cdot 31^{17} + 12 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 7, 1, 1, 2) = 4 \cdot 31^{12} + 28 \cdot 31^{13} + 9 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 7, 1, 1, 1, 1) = 31^{12} + 4 \cdot 31^{13} + 27 \cdot 31^{14} + 22 \cdot 31^{15} + 27 \cdot 31^{16} + 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 6, 5) = 20 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 13 \cdot 31^{15} + 6 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 6, 4, 1) = 6 \cdot 31^{12} + 2 \cdot 31^{13} + 23 \cdot 31^{14} + 25 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 6, 3, 2) = 10 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 18 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 6, 3, 1, 1) = 14 \cdot 31^{12} + 21 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 23 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 6, 2, 3) = 9 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 6, 2, 2, 1) = 16 \cdot 31^{12} + 11 \cdot 31^{13} + 21 \cdot 31^{14} + 21 \cdot 31^{15} + 13 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 6, 2, 1, 2) = 18 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 6, 2, 1, 1, 1) = 30 \cdot 31^{12} + 17 \cdot 31^{13} + 9 \cdot 31^{14} + 17 \cdot 31^{15} + 8 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 6, 1, 4) = 27 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 17 \cdot 31^{16} + 30 \cdot 31^{17} + 24 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 6, 1, 3, 1) = 25 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 9 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 2 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 6, 1, 2, 2) = 2 \cdot 31^{12} + 9 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 10 \cdot 31^{16} + 24 \cdot 31^{17} + 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 6, 1, 2, 1, 1) = 14 \cdot 31^{12} + 20 \cdot 31^{13} + 29 \cdot 31^{14} + 13 \cdot 31^{15} + 22 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 6, 1, 1, 3) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 2 \cdot 31^{17} + 2 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 6, 1, 1, 2, 1) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 24 \cdot 31^{16} + 30 \cdot 31^{17} + 5 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 6, 1, 1, 1, 2) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 29 \cdot 31^{14} + 7 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 2 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 6, 1, 1, 1, 1, 1) = 11 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 8 \cdot 31^{17} + 3 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 5, 6) = 11 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 28 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 5, 5, 1) = 13 \cdot 31^{12} + 19 \cdot 31^{13} + 30 \cdot 31^{14} + 10 \cdot 31^{15} + 30 \cdot 31^{16} + 30 \cdot 31^{17} + 12 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 5, 4, 2) = 16 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 9 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 5, 4, 1, 1) = 26 \cdot 31^{12} + 13 \cdot 31^{13} + 4 \cdot 31^{14} + 5 \cdot 31^{15} + 21 \cdot 31^{16} + 10 \cdot 31^{17} + 29 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 5, 3, 3) = 5 \cdot 31^{12} + 22 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 22 \cdot 31^{17} + 27 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 5, 3, 2, 1) = 22 \cdot 31^{12} + 21 \cdot 31^{13} + 23 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 31^{17} + 12 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 5, 3, 1, 2) = 3 \cdot 31^{12} + 9 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 30 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 5, 3, 1, 1, 1) = 15 \cdot 31^{12} + 2 \cdot 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 10 \cdot 31^{16} + 23 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 5, 2, 4) = 27 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 21 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 5, 2, 3, 1) = 29 \cdot 31^{12} + 21 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 5, 2, 2, 2) = 21 \cdot 31^{12} + 28 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 7 \cdot 31^{17} + 18 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 5, 2, 2, 1, 1) = 26 \cdot 31^{12} + 20 \cdot 31^{13} + 8 \cdot 31^{14} + 2 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 5, 2, 1, 3) = 15 \cdot 31^{12} + 23 \cdot 31^{15} + 2 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 5, 2, 1, 2, 1) = 7 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{15} + 15 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 5, 2, 1, 1, 2) = 14 \cdot 31^{12} + 11 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 5, 2, 1, 1, 1, 1) = 6 \cdot 31^{13} + 21 \cdot 31^{14} + 21 \cdot 31^{15} + 2 \cdot 31^{16} + 9 \cdot 31^{17} + 29 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 5, 1, 5) = 2 \cdot 31^{12} + 17 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 5, 1, 4, 1) = 9 \cdot 31^{12} + 21 \cdot 31^{13} + 20 \cdot 31^{14} + 17 \cdot 31^{15} + 12 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 5, 1, 3, 2) = 28 \cdot 31^{12} + 21 \cdot 31^{13} + 6 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 5, 1, 3, 1, 1) = 2 \cdot 31^{12} + 16 \cdot 31^{13} + 27 \cdot 31^{14} + 27 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 5, 1, 2, 3) = 9 \cdot 31^{12} + 9 \cdot 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 25 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 5, 1, 2, 2, 1) = 16 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 9 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 5, 1, 2, 1, 2) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 29 \cdot 31^{17} + 15 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 5, 1, 2, 1, 1, 1) = 4 \cdot 31^{12} + 30 \cdot 31^{13} + 10 \cdot 31^{14} + 25 \cdot 31^{15} + 12 \cdot 31^{16} + 15 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 5, 1, 1, 4) = 27 \cdot 31^{12} + 13 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 9 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 5, 1, 1, 3, 1) = 25 \cdot 31^{12} + 3 \cdot 31^{13} + 30 \cdot 31^{14} + 6 \cdot 31^{15} + 30 \cdot 31^{16} + 2 \cdot 31^{17} + 21 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 5, 1, 1, 2, 2) = 11 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 14 \cdot 31^{17} + 6 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 5, 1, 1, 2, 1, 1) = 15 \cdot 31^{12} + 8 \cdot 31^{13} + 28 \cdot 31^{14} + 2 \cdot 31^{15} + 29 \cdot 31^{16} + 23 \cdot 31^{17} + 23 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 5, 1, 1, 1, 3) = 29 \cdot 31^{12} + 14 \cdot 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 15 \cdot 31^{16} + 16 \cdot 31^{17} + 5 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 5, 1, 1, 1, 2, 1) = 20 \cdot 31^{12} + 24 \cdot 31^{13} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 5, 1, 1, 1, 1, 2) = 9 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{15} + 27 \cdot 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 5, 1, 1, 1, 1, 1, 1) = 13 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{17} + 26 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 7) = 18 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 16 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 6, 1) = 7 \cdot 31^{12} + 18 \cdot 31^{13} + 24 \cdot 31^{14} + 11 \cdot 31^{16} + 29 \cdot 31^{17} + 26 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 5, 2) = 26 \cdot 31^{12} + 23 \cdot 31^{13} + 29 \cdot 31^{14} + 22 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 17 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 5, 1, 1) = 17 \cdot 31^{12} + 14 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 9 \cdot 31^{17} + 3 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 4, 3) = 23 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 3 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 4, 2, 1) = 7 \cdot 31^{12} + 6 \cdot 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 27 \cdot 31^{16} + 6 \cdot 31^{17} + 22 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 4, 1, 2) = 19 \cdot 31^{12} + 6 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 27 \cdot 31^{16} + 7 \cdot 31^{17} + 21 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 4, 1, 1, 1) = 11 \cdot 31^{12} + 28 \cdot 31^{13} + 25 \cdot 31^{14} + 27 \cdot 31^{15} + 24 \cdot 31^{16} + 9 \cdot 31^{17} + 14 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 3, 4) = 20 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 14 \cdot 31^{17} + 25 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 3, 3, 1) = 30 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 3, 2, 2) = 12 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 17 \cdot 31^{15} + 6 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 3, 2, 1, 1) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 23 \cdot 31^{14} + 8 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 3, 1, 3) = 26 \cdot 31^{12} + 12 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 3, 1, 2, 1) = 7 \cdot 31^{12} + 7 \cdot 31^{13} + 26 \cdot 31^{14} + 17 \cdot 31^{15} + 22 \cdot 31^{16} + 19 \cdot 31^{17} + 4 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 3, 1, 1, 2) = 25 \cdot 31^{12} + 6 \cdot 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 11 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 3, 1, 1, 1, 1) = 24 \cdot 31^{12} + 5 \cdot 31^{13} + 11 \cdot 31^{14} + 8 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 27 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 2, 5) = 13 \cdot 31^{12} + 21 \cdot 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 2, 4, 1) = 2 \cdot 31^{12} + 26 \cdot 31^{13} + 10 \cdot 31^{14} + 6 \cdot 31^{15} + 24 \cdot 31^{16} + 6 \cdot 31^{17} + 3 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 2, 3, 2) = 25 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 31^{15} + 3 \cdot 31^{16} + 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 2, 3, 1, 1) = 12 \cdot 31^{12} + 8 \cdot 31^{13} + 6 \cdot 31^{14} + 22 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 2, 2, 3) = 16 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 30 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 2, 2, 2, 1) = 31^{12} + 18 \cdot 31^{13} + 11 \cdot 31^{14} + 18 \cdot 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 2, 2, 1, 2) = 10 \cdot 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 5 \cdot 31^{15} + 31^{16} + 7 \cdot 31^{17} + 19 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 2, 2, 1, 1, 1) = 26 \cdot 31^{12} + 29 \cdot 31^{13} + 9 \cdot 31^{14} + 19 \cdot 31^{15} + 7 \cdot 31^{16} + 29 \cdot 31^{17} + 16 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 2, 1, 4) = 30 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 23 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 2, 1, 3, 1) = 20 \cdot 31^{12} + 12 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 15 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 2, 1, 2, 2) = 24 \cdot 31^{12} + 9 \cdot 31^{13} + 23 \cdot 31^{14} + 24 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 5 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 2, 1, 2, 1, 1) = 24 \cdot 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 2, 1, 1, 3) = 17 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 12 \cdot 31^{15} + 18 \cdot 31^{16} + 27 \cdot 31^{17} + 20 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 2, 1, 1, 2, 1) = 11 \cdot 31^{12} + 29 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{16} + 10 \cdot 31^{17} + 5 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 2, 1, 1, 1, 2) = 20 \cdot 31^{12} + 15 \cdot 31^{13} + 19 \cdot 31^{14} + 6 \cdot 31^{15} + 9 \cdot 31^{16} + 6 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 2, 1, 1, 1, 1, 1) = 27 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 23 \cdot 31^{15} + 7 \cdot 31^{16} + 14 \cdot 31^{17} + 9 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 6) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 5, 1) = 27 \cdot 31^{12} + 21 \cdot 31^{13} + 9 \cdot 31^{14} + 16 \cdot 31^{15} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 4, 2) = 14 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 4, 1, 1) = 16 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 21 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 29 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 3, 3) = 23 \cdot 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 3, 2, 1) = 20 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 25 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 3, 1, 2) = 20 \cdot 31^{12} + 2 \cdot 31^{13} + 26 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 10 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 3, 1, 1, 1) = 7 \cdot 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 27 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 2, 4) = 30 \cdot 31^{12} + 20 \cdot 31^{13} + 14 \cdot 31^{14} + 2 \cdot 31^{15} + 27 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 2, 3, 1) = 16 \cdot 31^{12} + 30 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 9 \cdot 31^{16} + 3 \cdot 31^{17} + 20 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 2, 2, 2) = 24 \cdot 31^{12} + 25 \cdot 31^{13} + 27 \cdot 31^{14} + 28 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 2, 2, 1, 1) = 20 \cdot 31^{12} + 19 \cdot 31^{13} + 29 \cdot 31^{14} + 11 \cdot 31^{15} + 3 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 2, 1, 3) = 19 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 3 \cdot 31^{16} + 31^{17} + 7 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 2, 1, 2, 1) = 4 \cdot 31^{12} + 21 \cdot 31^{13} + 22 \cdot 31^{14} + 16 \cdot 31^{15} + 29 \cdot 31^{16} + 26 \cdot 31^{17} + 21 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 2, 1, 1, 2) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 8 \cdot 31^{15} + 22 \cdot 31^{17} + 19 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 2, 1, 1, 1, 1) = 10 \cdot 31^{13} + 12 \cdot 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 5 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 5) = 26 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 30 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 4, 1) = 22 \cdot 31^{12} + 29 \cdot 31^{13} + 8 \cdot 31^{14} + 15 \cdot 31^{15} + 27 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 3, 2) = 25 \cdot 31^{12} + 12 \cdot 31^{13} + 7 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 3, 1, 1) = 24 \cdot 31^{12} + 16 \cdot 31^{13} + 8 \cdot 31^{14} + 24 \cdot 31^{15} + 2 \cdot 31^{16} + 9 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 2, 3) = 6 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 6 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 2, 2, 1) = 13 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 21 \cdot 31^{16} + 4 \cdot 31^{17} + 18 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 2, 1, 2) = 7 \cdot 31^{12} + 28 \cdot 31^{13} + 6 \cdot 31^{14} + 23 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 16 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 2, 1, 1, 1) = 30 \cdot 31^{12} + 14 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 17 \cdot 31^{16} + 18 \cdot 31^{17} + 23 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 4) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 21 \cdot 31^{15} + 8 \cdot 31^{16} + 2 \cdot 31^{17} + 2 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 3, 1) = 8 \cdot 31^{12} + 27 \cdot 31^{13} + 9 \cdot 31^{14} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 2, 2) = 12 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 14 \cdot 31^{17} + 17 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 2, 1, 1) = 12 \cdot 31^{12} + 28 \cdot 31^{14} + 10 \cdot 31^{15} + 15 \cdot 31^{16} + 9 \cdot 31^{17} + 26 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 3) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 5 \cdot 31^{15} + 20 \cdot 31^{16} + 2 \cdot 31^{17} + 2 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 2, 1) = 10 \cdot 31^{12} + 27 \cdot 31^{13} + 13 \cdot 31^{14} + 28 \cdot 31^{15} + 11 \cdot 31^{16} + 26 \cdot 31^{17} + 9 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 1, 2) = 7 \cdot 31^{14} + 13 \cdot 31^{15} + 23 \cdot 31^{16} + 7 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 27 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 8) = 11 \cdot 31^{12} + 18 \cdot 31^{13} + 27 \cdot 31^{14} + 27 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 24 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 7, 1) = 27 \cdot 31^{12} + 27 \cdot 31^{13} + 23 \cdot 31^{15} + 7 \cdot 31^{16} + 29 \cdot 31^{17} + 6 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 6, 2) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 13 \cdot 31^{14} + 26 \cdot 31^{15} + 16 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 6, 1, 1) = 14 \cdot 31^{12} + 3 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 22 \cdot 31^{16} + 7 \cdot 31^{17} + 6 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 5, 3) = 26 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 29 \cdot 31^{15} + 16 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 5, 2, 1) = 5 \cdot 31^{12} + 9 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 2 \cdot 31^{16} + 9 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 5, 1, 2) = 21 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 13 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 5, 1, 1, 1) = 28 \cdot 31^{12} + 12 \cdot 31^{13} + 10 \cdot 31^{14} + 12 \cdot 31^{15} + 24 \cdot 31^{16} + 19 \cdot 31^{17} + 27 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 4, 4) = 9 \cdot 31^{12} + 19 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 4, 3, 1) = 13 \cdot 31^{12} + 2 \cdot 31^{14} + 22 \cdot 31^{15} + 9 \cdot 31^{16} + 9 \cdot 31^{17} + 18 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 4, 2, 2) = 10 \cdot 31^{12} + 27 \cdot 31^{13} + 9 \cdot 31^{14} + 12 \cdot 31^{15} + 14 \cdot 31^{16} + 11 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 4, 2, 1, 1) = 4 \cdot 31^{12} + 2 \cdot 31^{13} + 22 \cdot 31^{14} + 29 \cdot 31^{15} + 6 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 4, 1, 3) = 3 \cdot 31^{12} + 31^{13} + 9 \cdot 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{17} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 4, 1, 2, 1) = 24 \cdot 31^{12} + 5 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 9 \cdot 31^{16} + 11 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 4, 1, 1, 2) = 2 \cdot 31^{12} + 18 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 3 \cdot 31^{16} + 30 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 4, 1, 1, 1, 1) = 13 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 26 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 3, 5) = 13 \cdot 31^{12} + 23 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 31^{16} + 11 \cdot 31^{17} + 18 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 3, 4, 1) = 10 \cdot 31^{13} + 18 \cdot 31^{14} + 23 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 5 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 3, 3, 2) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 9 \cdot 31^{16} + 29 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 3, 3, 1, 1) = 13 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 3, 2, 3) = 17 \cdot 31^{12} + 10 \cdot 31^{13} + 25 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 2 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 3, 2, 2, 1) = 2 \cdot 31^{13} + 15 \cdot 31^{14} + 30 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 7 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 3, 2, 1, 2) = 12 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 18 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 3, 2, 1, 1, 1) = 15 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 18 \cdot 31^{15} + 30 \cdot 31^{16} + 28 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 3, 1, 4) = 29 \cdot 31^{12} + 11 \cdot 31^{13} + 18 \cdot 31^{14} + 25 \cdot 31^{15} + 30 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 3, 1, 3, 1) = 14 \cdot 31^{12} + 17 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 3, 1, 2, 2) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 3, 1, 2, 1, 1) = 20 \cdot 31^{12} + 25 \cdot 31^{13} + 25 \cdot 31^{14} + 11 \cdot 31^{15} + 4 \cdot 31^{16} + 22 \cdot 31^{17} + 25 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 3, 1, 1, 3) = 19 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 17 \cdot 31^{15} + 3 \cdot 31^{16} + 31^{17} + 7 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 3, 1, 1, 2, 1) = 22 \cdot 31^{12} + 31^{13} + 11 \cdot 31^{14} + 29 \cdot 31^{15} + 10 \cdot 31^{16} + 16 \cdot 31^{17} + 27 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 3, 1, 1, 1, 2) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 15 \cdot 31^{16} + 25 \cdot 31^{17} + 14 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 3, 1, 1, 1, 1) = 27 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 27 \cdot 31^{15} + 14 \cdot 31^{16} + 30 \cdot 31^{17} + 10 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 6) = 20 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 25 \cdot 31^{16} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 5, 1) = 5 \cdot 31^{12} + 16 \cdot 31^{13} + 4 \cdot 31^{14} + 10 \cdot 31^{15} + 18 \cdot 31^{16} + 17 \cdot 31^{17} + 8 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 4, 2) = 13 \cdot 31^{12} + 4 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 13 \cdot 31^{16} + 20 \cdot 31^{17} + 10 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 4, 1, 1) = 12 \cdot 31^{12} + 4 \cdot 31^{13} + 26 \cdot 31^{14} + 15 \cdot 31^{15} + 7 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 3, 3) = 5 \cdot 31^{12} + 30 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 2 \cdot 31^{16} + 27 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 3, 2, 1) = 4 \cdot 31^{12} + 2 \cdot 31^{13} + 15 \cdot 31^{14} + 4 \cdot 31^{15} + 13 \cdot 31^{16} + 26 \cdot 31^{17} + 15 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 3, 1, 2) = 15 \cdot 31^{12} + 20 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 27 \cdot 31^{16} + 16 \cdot 31^{17} + 22 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 3, 1, 1, 1) = 14 \cdot 31^{12} + 18 \cdot 31^{13} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 2 \cdot 31^{16} + 16 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 2, 4) = 2 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 7 \cdot 31^{17} + 5 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 2, 3, 1) = 15 \cdot 31^{12} + 25 \cdot 31^{13} + 6 \cdot 31^{14} + 19 \cdot 31^{15} + 14 \cdot 31^{16} + 17 \cdot 31^{17} + 30 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 2, 2, 2) = 3 \cdot 31^{12} + 4 \cdot 31^{13} + 27 \cdot 31^{14} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 2, 2, 1, 1) = 12 \cdot 31^{12} + 27 \cdot 31^{13} + 18 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 2, 1, 3) = 18 \cdot 31^{12} + 25 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 8 \cdot 31^{16} + 19 \cdot 31^{17} + 9 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 2, 1, 2, 1) = 14 \cdot 31^{12} + 30 \cdot 31^{13} + 7 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 10 \cdot 31^{17} + 25 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 2, 1, 1, 2) = 14 \cdot 31^{12} + 25 \cdot 31^{13} + 28 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 5 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 2, 1, 1, 1, 1) = 6 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 26 \cdot 31^{15} + 25 \cdot 31^{16} + 20 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 5) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 6 \cdot 31^{14} + 19 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 4, 1) = 22 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 7 \cdot 31^{15} + 18 \cdot 31^{16} + 14 \cdot 31^{17} + 24 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 3, 2) = 15 \cdot 31^{12} + 18 \cdot 31^{13} + 3 \cdot 31^{14} + 10 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 30 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 3, 1, 1) = 27 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 27 \cdot 31^{15} + 13 \cdot 31^{16} + 18 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 2, 3) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 26 \cdot 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 21 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 2, 2, 1) = 24 \cdot 31^{12} + 9 \cdot 31^{13} + 25 \cdot 31^{14} + 15 \cdot 31^{15} + 20 \cdot 31^{17} + 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 2, 1, 2) = 7 \cdot 31^{12} + 4 \cdot 31^{13} + 12 \cdot 31^{14} + 24 \cdot 31^{15} + 14 \cdot 31^{16} + 20 \cdot 31^{17} + 11 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 2, 1, 1, 1) = 23 \cdot 31^{12} + 11 \cdot 31^{13} + 17 \cdot 31^{14} + 17 \cdot 31^{15} + 13 \cdot 31^{16} + 22 \cdot 31^{17} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 4) = 9 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 3, 1) = 22 \cdot 31^{12} + 31^{13} + 27 \cdot 31^{14} + 23 \cdot 31^{15} + 7 \cdot 31^{16} + 15 \cdot 31^{17} + 15 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 2, 2) = 8 \cdot 31^{12} + 20 \cdot 31^{13} + 16 \cdot 31^{14} + 19 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 2, 1, 1) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 8 \cdot 31^{16} + 31^{17} + 6 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 3) = 15 \cdot 31^{12} + 23 \cdot 31^{15} + 2 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 2, 1) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 19 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 30 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 1, 2) = 22 \cdot 31^{12} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 3 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 2, 1, 1, 1, 1, 1, 1) = 7 \cdot 31^{12} + 12 \cdot 31^{13} + 8 \cdot 31^{14} + 21 \cdot 31^{15} + 13 \cdot 31^{16} + 31^{17} + 5 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 7) = 12 \cdot 31^{12} + 24 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 19 \cdot 31^{16} + 20 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 6, 1) = 8 \cdot 31^{12} + 13 \cdot 31^{13} + 17 \cdot 31^{14} + 23 \cdot 31^{15} + 4 \cdot 31^{16} + 4 \cdot 31^{17} + 17 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 5, 2) = 12 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 5, 1, 1) = 26 \cdot 31^{12} + 25 \cdot 31^{13} + 28 \cdot 31^{14} + 29 \cdot 31^{15} + 27 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 4, 3) = 22 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 2 \cdot 31^{17} + 14 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 4, 2, 1) = 4 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 6 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 4, 1, 2) = 7 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 3 \cdot 31^{15} + 14 \cdot 31^{16} + 10 \cdot 31^{17} + 2 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 4, 1, 1, 1) = 15 \cdot 31^{12} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 5 \cdot 31^{15} + 3 \cdot 31^{16} + 7 \cdot 31^{17} + 4 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 3, 4) = 10 \cdot 31^{12} + 15 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 30 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 3, 3, 1) = 3 \cdot 31^{12} + 22 \cdot 31^{13} + 30 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 3, 2, 2) = 15 \cdot 31^{12} + 17 \cdot 31^{13} + 14 \cdot 31^{14} + 18 \cdot 31^{15} + 8 \cdot 31^{16} + 26 \cdot 31^{17} + 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 3, 2, 1, 1) = 24 \cdot 31^{12} + 9 \cdot 31^{13} + 16 \cdot 31^{14} + 2 \cdot 31^{15} + 30 \cdot 31^{16} + 24 \cdot 31^{17} + 9 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 3, 1, 3) = O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 3, 1, 2, 1) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 22 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 3, 1, 1, 2) = 28 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 3, 1, 1, 1, 1) = 12 \cdot 31^{12} + 30 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 10 \cdot 31^{17} + 30 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 5) = 2 \cdot 31^{12} + 14 \cdot 31^{13} + 25 \cdot 31^{14} + 9 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 4, 1) = 21 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 26 \cdot 31^{16} + 2 \cdot 31^{17} + 20 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 3, 2) = 18 \cdot 31^{12} + 10 \cdot 31^{13} + 21 \cdot 31^{14} + 28 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 3, 1, 1) = 11 \cdot 31^{12} + 10 \cdot 31^{13} + 7 \cdot 31^{14} + 31^{15} + 14 \cdot 31^{16} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 2, 3) = 7 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 18 \cdot 31^{16} + 10 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 2, 2, 1) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 5 \cdot 31^{14} + 21 \cdot 31^{15} + 26 \cdot 31^{16} + 24 \cdot 31^{17} + 19 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 2, 1, 2) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 28 \cdot 31^{14} + 7 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 2, 1, 1, 1) = 31^{12} + 20 \cdot 31^{13} + 19 \cdot 31^{14} + 17 \cdot 31^{15} + 6 \cdot 31^{16} + 31^{17} + 20 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 4) = 7 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 17 \cdot 31^{15} + 8 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 3, 1) = 12 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 25 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 2, 2) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 13 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 2, 1, 1) = 18 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 4 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 24 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 3) = 26 \cdot 31^{12} + 12 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 30 \cdot 31^{16} + 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 2, 1) = 13 \cdot 31^{12} + 8 \cdot 31^{13} + 9 \cdot 31^{14} + 8 \cdot 31^{15} + 2 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 1, 2) = 19 \cdot 31^{12} + 26 \cdot 31^{13} + 16 \cdot 31^{14} + 26 \cdot 31^{15} + 29 \cdot 31^{16} + 7 \cdot 31^{17} + 17 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 2, 1, 1, 1, 1, 1) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 25 \cdot 31^{15} + 3 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 6) = 25 \cdot 31^{12} + 10 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 23 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 5, 1) = 11 \cdot 31^{12} + 18 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 14 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 4, 2) = 31^{12} + 23 \cdot 31^{13} + 22 \cdot 31^{14} + 3 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 4 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 4, 1, 1) = 5 \cdot 31^{12} + 30 \cdot 31^{13} + 27 \cdot 31^{14} + 21 \cdot 31^{15} + 28 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 3, 3) = 11 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 15 \cdot 31^{15} + 22 \cdot 31^{16} + 20 \cdot 31^{17} + 16 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 3, 2, 1) = 24 \cdot 31^{12} + 13 \cdot 31^{13} + 16 \cdot 31^{14} + 17 \cdot 31^{15} + 14 \cdot 31^{16} + 13 \cdot 31^{17} + 21 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 3, 1, 2) = 13 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 26 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 3, 1, 1, 1) = 16 \cdot 31^{12} + 24 \cdot 31^{13} + 18 \cdot 31^{14} + 16 \cdot 31^{15} + 31^{16} + 10 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 4) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 4 \cdot 31^{16} + 9 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 3, 1) = 24 \cdot 31^{12} + 7 \cdot 31^{13} + 2 \cdot 31^{14} + 31^{15} + 3 \cdot 31^{16} + 4 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 2, 2) = 17 \cdot 31^{12} + 5 \cdot 31^{13} + 9 \cdot 31^{14} + 20 \cdot 31^{15} + 15 \cdot 31^{16} + 3 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 2, 1, 1) = 9 \cdot 31^{12} + 28 \cdot 31^{13} + 7 \cdot 31^{14} + 29 \cdot 31^{15} + 5 \cdot 31^{16} + 9 \cdot 31^{17} + 10 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 3) = 3 \cdot 31^{12} + 31^{13} + 9 \cdot 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{17} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 2, 1) = 26 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 14 \cdot 31^{15} + 22 \cdot 31^{16} + 6 \cdot 31^{17} + 9 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 1, 2) = 25 \cdot 31^{12} + 2 \cdot 31^{13} + 11 \cdot 31^{14} + 23 \cdot 31^{15} + 9 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 2, 1, 1, 1, 1) = 30 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 27 \cdot 31^{15} + 7 \cdot 31^{16} + 2 \cdot 31^{17} + 6 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 5) = 2 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 8 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 4, 1) = 9 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 19 \cdot 31^{15} + 10 \cdot 31^{16} + 23 \cdot 31^{17} + 20 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 3, 2) = 9 \cdot 31^{12} + 17 \cdot 31^{13} + 25 \cdot 31^{14} + 22 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 19 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 3, 1, 1) = 3 \cdot 31^{12} + 31^{13} + 15 \cdot 31^{14} + 13 \cdot 31^{15} + 28 \cdot 31^{16} + 19 \cdot 31^{17} + 25 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 3) = 5 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 31^{17} + 8 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 2, 1) = 18 \cdot 31^{12} + 15 \cdot 31^{13} + 25 \cdot 31^{14} + 26 \cdot 31^{15} + 12 \cdot 31^{16} + 31^{17} + 24 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 1, 2) = 11 \cdot 31^{12} + 12 \cdot 31^{13} + 6 \cdot 31^{14} + 23 \cdot 31^{15} + 2 \cdot 31^{16} + 5 \cdot 31^{17} + 17 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 2, 1, 1, 1) = 30 \cdot 31^{12} + 24 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 3 \cdot 31^{16} + 22 \cdot 31^{17} + 9 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 4) = 10 \cdot 31^{12} + 3 \cdot 31^{13} + 24 \cdot 31^{14} + 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 3, 1) = 20 \cdot 31^{12} + 26 \cdot 31^{13} + 17 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 26 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 2, 2) = 22 \cdot 31^{12} + 27 \cdot 31^{13} + 17 \cdot 31^{14} + 4 \cdot 31^{15} + 22 \cdot 31^{16} + 11 \cdot 31^{17} + 2 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 31^{12} + 22 \cdot 31^{13} + 15 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 20 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 3) = 9 \cdot 31^{12} + 6 \cdot 31^{13} + 9 \cdot 31^{14} + 25 \cdot 31^{15} + 4 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 28 \cdot 31^{12} + 12 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 11 \cdot 31^{16} + 30 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 8 \cdot 31^{12} + 25 \cdot 31^{13} + 16 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 10 \cdot 31^{17} + 23 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 23 \cdot 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{14} + 24 \cdot 31^{15} + 3 \cdot 31^{16} + 17 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 9) = 13 \cdot 31^{12} + 8 \cdot 31^{13} + 11 \cdot 31^{14} + 23 \cdot 31^{15} + 5 \cdot 31^{16} + 13 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 8, 1) = 17 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 25 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 7, 2) = 11 \cdot 31^{12} + 20 \cdot 31^{13} + 27 \cdot 31^{14} + 10 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 7, 1, 1) = 19 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 24 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 6, 3) = 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 4 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 6, 2, 1) = 18 \cdot 31^{12} + 8 \cdot 31^{13} + 5 \cdot 31^{14} + 13 \cdot 31^{15} + 12 \cdot 31^{16} + 26 \cdot 31^{17} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 6, 1, 2) = 15 \cdot 31^{12} + 22 \cdot 31^{13} + 17 \cdot 31^{14} + 20 \cdot 31^{15} + 12 \cdot 31^{16} + 21 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 6, 1, 1, 1) = 5 \cdot 31^{12} + 2 \cdot 31^{13} + 30 \cdot 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{17} + 4 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 5, 4) = 15 \cdot 31^{12} + 12 \cdot 31^{13} + 6 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 23 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 5, 3, 1) = 26 \cdot 31^{12} + 18 \cdot 31^{13} + 11 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 5, 2, 2) = 9 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 9 \cdot 31^{15} + 22 \cdot 31^{16} + 8 \cdot 31^{17} + 26 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 5, 2, 1, 1) = 10 \cdot 31^{12} + 14 \cdot 31^{13} + 26 \cdot 31^{14} + 2 \cdot 31^{16} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 5, 1, 3) = 5 \cdot 31^{12} + 17 \cdot 31^{13} + 10 \cdot 31^{14} + 8 \cdot 31^{15} + 3 \cdot 31^{16} + 31^{17} + 8 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 5, 1, 2, 1) = 12 \cdot 31^{12} + 25 \cdot 31^{13} + 28 \cdot 31^{14} + 4 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 5, 1, 1, 2) = 10 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 6 \cdot 31^{15} + 20 \cdot 31^{16} + 24 \cdot 31^{17} + 12 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 5, 1, 1, 1, 1) = 19 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 9 \cdot 31^{15} + 11 \cdot 31^{16} + 7 \cdot 31^{17} + 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 4, 5) = 18 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 11 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 4, 4, 1) = 26 \cdot 31^{12} + 8 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 4, 3, 2) = 30 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 9 \cdot 31^{15} + 9 \cdot 31^{16} + 11 \cdot 31^{17} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 4, 3, 1, 1) = 13 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 21 \cdot 31^{15} + 21 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 4, 2, 3) = 10 \cdot 31^{12} + 7 \cdot 31^{13} + 9 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 11 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 4, 2, 2, 1) = 11 \cdot 31^{12} + 11 \cdot 31^{13} + 15 \cdot 31^{14} + 28 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 4, 2, 1, 2) = 6 \cdot 31^{12} + 9 \cdot 31^{13} + 22 \cdot 31^{14} + 21 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 4, 2, 1, 1, 1) = 24 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 4 \cdot 31^{15} + 9 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 4, 1, 4) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 14 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 12 \cdot 31^{17} + 16 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 4, 1, 3, 1) = 26 \cdot 31^{12} + 24 \cdot 31^{13} + 9 \cdot 31^{14} + 29 \cdot 31^{15} + 25 \cdot 31^{16} + 8 \cdot 31^{17} + 26 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 4, 1, 2, 2) = 22 \cdot 31^{12} + 7 \cdot 31^{13} + 6 \cdot 31^{14} + 9 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 24 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 4, 1, 2, 1, 1) = 26 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 30 \cdot 31^{15} + 13 \cdot 31^{16} + 6 \cdot 31^{17} + 27 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 4, 1, 1, 3) = 6 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 6 \cdot 31^{15} + 24 \cdot 31^{16} + 4 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 4, 1, 1, 2, 1) = 7 \cdot 31^{12} + 12 \cdot 31^{13} + 3 \cdot 31^{14} + 29 \cdot 31^{15} + 18 \cdot 31^{16} + 8 \cdot 31^{17} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 4, 1, 1, 1, 2) = 19 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 15 \cdot 31^{16} + 26 \cdot 31^{17} + 9 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 4, 1, 1, 1, 1, 1) = 10 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 14 \cdot 31^{16} + 13 \cdot 31^{17} + 8 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 6) = 3 \cdot 31^{12} + 25 \cdot 31^{14} + 22 \cdot 31^{15} + 18 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 5, 1) = 27 \cdot 31^{12} + 21 \cdot 31^{13} + 28 \cdot 31^{14} + 26 \cdot 31^{15} + 17 \cdot 31^{16} + 10 \cdot 31^{17} + 10 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 4, 2) = 17 \cdot 31^{12} + 7 \cdot 31^{13} + 18 \cdot 31^{14} + 21 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 4, 1, 1) = 19 \cdot 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 17 \cdot 31^{15} + 28 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 3, 3) = 20 \cdot 31^{12} + 16 \cdot 31^{13} + 30 \cdot 31^{14} + 30 \cdot 31^{15} + 11 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 3, 2, 1) = 17 \cdot 31^{12} + 17 \cdot 31^{13} + 6 \cdot 31^{14} + 10 \cdot 31^{15} + 22 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 3, 1, 2) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 26 \cdot 31^{14} + 31^{15} + 10 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 3, 1, 1, 1) = 22 \cdot 31^{12} + 15 \cdot 31^{13} + 2 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 18 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 2, 4) = 2 \cdot 31^{13} + 17 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 27 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 2, 3, 1) = 27 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 7 \cdot 31^{15} + 21 \cdot 31^{16} + 6 \cdot 31^{17} + 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 2, 2, 2) = 30 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 23 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 6 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 2, 2, 1, 1) = 10 \cdot 31^{12} + 28 \cdot 31^{13} + 10 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{17} + 15 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 2, 1, 3) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 26 \cdot 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 21 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 2, 1, 2, 1) = 21 \cdot 31^{13} + 17 \cdot 31^{14} + 21 \cdot 31^{15} + 14 \cdot 31^{16} + 14 \cdot 31^{17} + 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 2, 1, 1, 2) = 14 \cdot 31^{12} + 19 \cdot 31^{13} + 7 \cdot 31^{14} + 25 \cdot 31^{15} + 7 \cdot 31^{16} + 4 \cdot 31^{17} + 15 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 2, 1, 1, 1, 1) = 14 \cdot 31^{12} + 4 \cdot 31^{13} + 27 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 21 \cdot 31^{17} + 12 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 5) = 19 \cdot 31^{12} + 21 \cdot 31^{13} + 12 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 4, 1) = 31^{12} + 11 \cdot 31^{13} + 20 \cdot 31^{14} + 28 \cdot 31^{15} + 21 \cdot 31^{16} + 28 \cdot 31^{17} + 6 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 3, 2) = 5 \cdot 31^{12} + 3 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 8 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 3, 1, 1) = 8 \cdot 31^{12} + 28 \cdot 31^{13} + 30 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 25 \cdot 31^{17} + 23 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 2, 3) = 22 \cdot 31^{12} + 18 \cdot 31^{13} + 25 \cdot 31^{14} + 7 \cdot 31^{15} + 12 \cdot 31^{16} + 4 \cdot 31^{17} + 11 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 2, 2, 1) = 15 \cdot 31^{12} + 8 \cdot 31^{13} + 10 \cdot 31^{14} + 5 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 15 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 2, 1, 2) = 7 \cdot 31^{12} + 26 \cdot 31^{13} + 4 \cdot 31^{14} + 27 \cdot 31^{15} + 19 \cdot 31^{16} + 25 \cdot 31^{17} + 8 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 2, 1, 1, 1) = 26 \cdot 31^{12} + 22 \cdot 31^{13} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 4 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 4) = 20 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 10 \cdot 31^{16} + 2 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 3, 1) = 8 \cdot 31^{12} + 24 \cdot 31^{13} + 22 \cdot 31^{14} + 28 \cdot 31^{15} + 13 \cdot 31^{16} + 10 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 2, 2) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 4 \cdot 31^{14} + 11 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 11 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 2, 1, 1) = 30 \cdot 31^{12} + 31^{13} + 10 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 15 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 3) = 9 \cdot 31^{12} + 9 \cdot 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 25 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 2, 1) = 14 \cdot 31^{12} + 19 \cdot 31^{13} + 9 \cdot 31^{14} + 15 \cdot 31^{15} + 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 1, 2) = 17 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 4 \cdot 31^{17} + 2 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 31^{12} + 29 \cdot 31^{13} + 3 \cdot 31^{14} + 23 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 7) = 27 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 5 \cdot 31^{16} + 30 \cdot 31^{17} + 28 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 6, 1) = 24 \cdot 31^{12} + 13 \cdot 31^{13} + 15 \cdot 31^{14} + 22 \cdot 31^{15} + 2 \cdot 31^{16} + 8 \cdot 31^{17} + 6 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 5, 2) = 17 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 13 \cdot 31^{15} + 26 \cdot 31^{16} + 24 \cdot 31^{17} + 28 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 5, 1, 1) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 9 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 4, 3) = 16 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 14 \cdot 31^{15} + 29 \cdot 31^{16} + 27 \cdot 31^{17} + 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 4, 2, 1) = 30 \cdot 31^{12} + 18 \cdot 31^{13} + 7 \cdot 31^{14} + 21 \cdot 31^{15} + 13 \cdot 31^{16} + 8 \cdot 31^{17} + 20 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 4, 1, 2) = 25 \cdot 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 18 \cdot 31^{15} + 25 \cdot 31^{16} + 5 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 4, 1, 1, 1) = 22 \cdot 31^{12} + 10 \cdot 31^{13} + 13 \cdot 31^{14} + 21 \cdot 31^{15} + 18 \cdot 31^{16} + 29 \cdot 31^{17} + 8 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 3, 4) = 4 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 7 \cdot 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 13 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 3, 3, 1) = 14 \cdot 31^{12} + 13 \cdot 31^{13} + 13 \cdot 31^{14} + 10 \cdot 31^{15} + 31^{16} + 30 \cdot 31^{17} + 20 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 3, 2, 2) = 29 \cdot 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 10 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 3 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 3, 2, 1, 1) = 31^{12} + 11 \cdot 31^{13} + 26 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 5 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 3, 1, 3) = 7 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 9 \cdot 31^{15} + 18 \cdot 31^{16} + 10 \cdot 31^{17} + 24 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 3, 1, 2, 1) = 30 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 19 \cdot 31^{15} + 21 \cdot 31^{16} + 13 \cdot 31^{17} + 12 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 3, 1, 1, 2) = 16 \cdot 31^{12} + 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 2 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 3, 1, 1, 1, 1) = 5 \cdot 31^{12} + 28 \cdot 31^{13} + 17 \cdot 31^{14} + 6 \cdot 31^{15} + 27 \cdot 31^{17} + 12 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 5) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 18 \cdot 31^{14} + 7 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 4, 1) = 12 \cdot 31^{12} + 5 \cdot 31^{13} + 10 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 29 \cdot 31^{17} + 21 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 3, 2) = 18 \cdot 31^{12} + 28 \cdot 31^{13} + 19 \cdot 31^{14} + 26 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 13 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 3, 1, 1) = 21 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 4 \cdot 31^{17} + 24 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 2, 3) = 25 \cdot 31^{12} + 22 \cdot 31^{13} + 7 \cdot 31^{14} + 29 \cdot 31^{15} + 21 \cdot 31^{16} + 12 \cdot 31^{17} + 23 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 2, 2, 1) = 8 \cdot 31^{12} + 25 \cdot 31^{13} + 23 \cdot 31^{14} + 29 \cdot 31^{15} + 13 \cdot 31^{16} + 4 \cdot 31^{17} + 16 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 2, 1, 2) = 10 \cdot 31^{12} + 24 \cdot 31^{13} + 27 \cdot 31^{15} + 2 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 2, 1, 1, 1) = 2 \cdot 31^{12} + 8 \cdot 31^{13} + 31^{14} + 19 \cdot 31^{15} + 14 \cdot 31^{16} + 7 \cdot 31^{17} + 4 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 4) = 5 \cdot 31^{12} + 31^{13} + 4 \cdot 31^{14} + 29 \cdot 31^{15} + 14 \cdot 31^{16} + 3 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 3, 1) = 8 \cdot 31^{14} + 22 \cdot 31^{15} + 23 \cdot 31^{16} + 20 \cdot 31^{17} + 25 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 2, 2) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 14 \cdot 31^{15} + 13 \cdot 31^{16} + 7 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 2, 1, 1) = 23 \cdot 31^{12} + 29 \cdot 31^{13} + 9 \cdot 31^{14} + 29 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 18 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 3) = 16 \cdot 31^{12} + 7 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 30 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 2, 1) = 18 \cdot 31^{12} + 8 \cdot 31^{13} + 30 \cdot 31^{14} + 18 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 1, 2) = 25 \cdot 31^{12} + 19 \cdot 31^{13} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 9 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 19 \cdot 31^{15} + 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 6) = 29 \cdot 31^{12} + 9 \cdot 31^{13} + 25 \cdot 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 5, 1) = 4 \cdot 31^{12} + 10 \cdot 31^{13} + 11 \cdot 31^{14} + 28 \cdot 31^{15} + 16 \cdot 31^{16} + 21 \cdot 31^{17} + 10 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 4, 2) = 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{15} + 25 \cdot 31^{16} + 7 \cdot 31^{17} + 20 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 4, 1, 1) = 14 \cdot 31^{12} + 8 \cdot 31^{13} + 23 \cdot 31^{14} + 9 \cdot 31^{15} + 18 \cdot 31^{16} + 21 \cdot 31^{17} + 26 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 3, 3) = 30 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 12 \cdot 31^{15} + 29 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 3, 2, 1) = 20 \cdot 31^{12} + 18 \cdot 31^{13} + 14 \cdot 31^{14} + 24 \cdot 31^{15} + 2 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 3, 1, 2) = 6 \cdot 31^{12} + 10 \cdot 31^{13} + 2 \cdot 31^{14} + 26 \cdot 31^{15} + 13 \cdot 31^{16} + 22 \cdot 31^{17} + 30 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 3, 1, 1, 1) = 22 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 23 \cdot 31^{15} + 18 \cdot 31^{16} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 4) = 5 \cdot 31^{12} + 3 \cdot 31^{13} + 19 \cdot 31^{14} + 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 6 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 3, 1) = 9 \cdot 31^{12} + 29 \cdot 31^{13} + 4 \cdot 31^{14} + 3 \cdot 31^{15} + 13 \cdot 31^{16} + 29 \cdot 31^{17} + 27 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 2, 2) = 11 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 14 \cdot 31^{16} + 15 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 2, 1, 1) = 10 \cdot 31^{12} + 11 \cdot 31^{13} + 23 \cdot 31^{15} + 31^{16} + 5 \cdot 31^{17} + 26 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 3) = 17 \cdot 31^{12} + 10 \cdot 31^{13} + 25 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 2 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 2, 1) = 16 \cdot 31^{12} + 30 \cdot 31^{13} + 25 \cdot 31^{14} + 31^{15} + 21 \cdot 31^{16} + 20 \cdot 31^{17} + 4 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 1, 2) = 20 \cdot 31^{12} + 28 \cdot 31^{13} + 4 \cdot 31^{14} + 3 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 31^{12} + 2 \cdot 31^{13} + 20 \cdot 31^{14} + 2 \cdot 31^{15} + 31^{17} + 21 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 5) = 20 \cdot 31^{12} + 21 \cdot 31^{13} + 22 \cdot 31^{14} + 3 \cdot 31^{15} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 4, 1) = 13 \cdot 31^{12} + 6 \cdot 31^{13} + 26 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 17 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 3, 2) = 27 \cdot 31^{12} + 20 \cdot 31^{13} + 10 \cdot 31^{14} + 16 \cdot 31^{15} + 24 \cdot 31^{16} + 13 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 3, 1, 1) = 27 \cdot 31^{12} + 13 \cdot 31^{13} + 7 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 10 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 3) = 10 \cdot 31^{12} + 7 \cdot 31^{13} + 9 \cdot 31^{14} + 9 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 11 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 2, 1) = 27 \cdot 31^{12} + 10 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 12 \cdot 31^{16} + 6 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 1, 2) = 16 \cdot 31^{12} + 2 \cdot 31^{14} + 30 \cdot 31^{15} + 9 \cdot 31^{16} + 26 \cdot 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 18 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 29 \cdot 31^{16} + 31^{17} + 13 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 4) = 15 \cdot 31^{12} + 9 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 24 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 3, 1) = 19 \cdot 31^{12} + 28 \cdot 31^{13} + 28 \cdot 31^{14} + 30 \cdot 31^{16} + 9 \cdot 31^{17} + 12 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 2, 2) = 19 \cdot 31^{13} + 14 \cdot 31^{14} + 10 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 30 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 22 \cdot 31^{14} + 15 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 3 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 3) = 9 \cdot 31^{12} + 14 \cdot 31^{13} + 7 \cdot 31^{14} + 20 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 29 \cdot 31^{12} + 24 \cdot 31^{13} + 30 \cdot 31^{14} + 22 \cdot 31^{15} + 31^{16} + 24 \cdot 31^{17} + 16 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 27 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{15} + 31^{16} + 30 \cdot 31^{17} + 12 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 27 \cdot 31^{12} + 12 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 8 \cdot 31^{16} + 21 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 8) = 25 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 7, 1) = 29 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 6 \cdot 31^{16} + 21 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 6, 2) = 11 \cdot 31^{12} + 16 \cdot 31^{13} + 5 \cdot 31^{14} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 26 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 6, 1, 1) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 19 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 18 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 5, 3) = 20 \cdot 31^{12} + 26 \cdot 31^{13} + 12 \cdot 31^{14} + 18 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 5, 2, 1) = 10 \cdot 31^{12} + 31^{13} + 27 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 19 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 5, 1, 2) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 4 \cdot 31^{15} + 15 \cdot 31^{16} + 14 \cdot 31^{17} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 5, 1, 1) = 21 \cdot 31^{12} + 6 \cdot 31^{13} + 8 \cdot 31^{14} + 27 \cdot 31^{15} + 14 \cdot 31^{16} + 30 \cdot 31^{17} + 30 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 4, 4) = 4 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 4, 3, 1) = 13 \cdot 31^{12} + 26 \cdot 31^{13} + 24 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 4, 2, 2) = 23 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 9 \cdot 31^{15} + 14 \cdot 31^{16} + 26 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 4, 2, 1, 1) = 11 \cdot 31^{12} + 5 \cdot 31^{13} + 21 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 23 \cdot 31^{17} + 3 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 4, 1, 3) = 11 \cdot 31^{12} + 25 \cdot 31^{13} + 20 \cdot 31^{14} + 15 \cdot 31^{15} + 22 \cdot 31^{16} + 20 \cdot 31^{17} + 16 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 4, 1, 2, 1) = 17 \cdot 31^{12} + 24 \cdot 31^{13} + 5 \cdot 31^{14} + 5 \cdot 31^{15} + 5 \cdot 31^{16} + 22 \cdot 31^{17} + 22 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 4, 1, 1, 2) = 31^{12} + 16 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 4, 1, 1, 1, 1) = 23 \cdot 31^{12} + 28 \cdot 31^{13} + 6 \cdot 31^{14} + 7 \cdot 31^{16} + 12 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 5) = 6 \cdot 31^{12} + 29 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 4, 1) = 30 \cdot 31^{12} + 18 \cdot 31^{13} + 18 \cdot 31^{14} + 29 \cdot 31^{15} + 21 \cdot 31^{16} + 6 \cdot 31^{17} + 18 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 3, 2) = 12 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 2 \cdot 31^{17} + 8 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 3, 1, 1) = 20 \cdot 31^{12} + 16 \cdot 31^{13} + 31^{14} + 9 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 15 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 2, 3) = 30 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 12 \cdot 31^{15} + 29 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 2, 2, 1) = 19 \cdot 31^{12} + 10 \cdot 31^{13} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 30 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 2, 1, 2) = 8 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 14 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 2, 1, 1, 1) = 13 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 22 \cdot 31^{16} + 29 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 4) = 12 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 4 \cdot 31^{16} + 19 \cdot 31^{17} + 5 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 3, 1) = 31^{12} + 9 \cdot 31^{13} + 20 \cdot 31^{14} + 22 \cdot 31^{15} + 14 \cdot 31^{16} + 20 \cdot 31^{17} + 19 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 2, 2) = 15 \cdot 31^{12} + 26 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 5 \cdot 31^{16} + 30 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 2, 1, 1) = 17 \cdot 31^{12} + 25 \cdot 31^{13} + 14 \cdot 31^{14} + 7 \cdot 31^{15} + 18 \cdot 31^{16} + 17 \cdot 31^{17} + 21 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 3) = 23 \cdot 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 2, 1) = 9 \cdot 31^{12} + 23 \cdot 31^{13} + 6 \cdot 31^{14} + 5 \cdot 31^{15} + 8 \cdot 31^{16} + 17 \cdot 31^{17} + 25 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 1, 2) = 19 \cdot 31^{12} + 15 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 31^{16} + 2 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 20 \cdot 31^{12} + 11 \cdot 31^{13} + 19 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 2 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 6) = 19 \cdot 31^{13} + 15 \cdot 31^{14} + 4 \cdot 31^{15} + 11 \cdot 31^{16} + 21 \cdot 31^{17} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 5, 1) = 23 \cdot 31^{12} + 19 \cdot 31^{13} + 9 \cdot 31^{14} + 20 \cdot 31^{15} + 23 \cdot 31^{16} + 4 \cdot 31^{17} + 28 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 4, 2) = 27 \cdot 31^{12} + 17 \cdot 31^{14} + 29 \cdot 31^{15} + 12 \cdot 31^{16} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 4, 1, 1) = 30 \cdot 31^{12} + 6 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 13 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 3, 3) = 26 \cdot 31^{12} + 19 \cdot 31^{13} + 27 \cdot 31^{14} + 18 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 29 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 3, 2, 1) = 10 \cdot 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 27 \cdot 31^{17} + 26 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 3, 1, 2) = 29 \cdot 31^{12} + 26 \cdot 31^{13} + 9 \cdot 31^{14} + 30 \cdot 31^{15} + 28 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 3, 1, 1, 1) = 4 \cdot 31^{12} + 28 \cdot 31^{13} + 18 \cdot 31^{14} + 8 \cdot 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 17 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 4) = 18 \cdot 31^{12} + 2 \cdot 31^{13} + 2 \cdot 31^{14} + 18 \cdot 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 3, 1) = 17 \cdot 31^{12} + 5 \cdot 31^{13} + 11 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 19 \cdot 31^{17} + 15 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 2, 2) = 28 \cdot 31^{12} + 15 \cdot 31^{13} + 9 \cdot 31^{14} + 9 \cdot 31^{16} + 29 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 2, 1, 1) = 16 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{14} + 8 \cdot 31^{15} + 19 \cdot 31^{16} + 7 \cdot 31^{17} + 24 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 3) = 5 \cdot 31^{12} + 30 \cdot 31^{13} + 5 \cdot 31^{14} + 14 \cdot 31^{15} + 2 \cdot 31^{16} + 27 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 2, 1) = 6 \cdot 31^{12} + 3 \cdot 31^{13} + 19 \cdot 31^{14} + 5 \cdot 31^{15} + 16 \cdot 31^{16} + 16 \cdot 31^{17} + 5 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 1, 2) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 20 \cdot 31^{14} + 12 \cdot 31^{15} + 26 \cdot 31^{17} + 30 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 8 \cdot 31^{12} + 19 \cdot 31^{13} + 11 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 5) = 16 \cdot 31^{12} + 7 \cdot 31^{13} + 25 \cdot 31^{14} + 27 \cdot 31^{15} + 10 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 4, 1) = 14 \cdot 31^{12} + 11 \cdot 31^{13} + 8 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 3, 2) = 24 \cdot 31^{12} + 28 \cdot 31^{13} + 19 \cdot 31^{14} + 10 \cdot 31^{15} + 27 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 3, 1, 1) = 6 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 26 \cdot 31^{16} + 15 \cdot 31^{17} + 28 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 3) = 20 \cdot 31^{12} + 16 \cdot 31^{13} + 30 \cdot 31^{14} + 30 \cdot 31^{15} + 11 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 2, 1) = 5 \cdot 31^{12} + 25 \cdot 31^{13} + 8 \cdot 31^{14} + 3 \cdot 31^{15} + 30 \cdot 31^{16} + 16 \cdot 31^{17} + 3 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 1, 2) = 8 \cdot 31^{12} + 16 \cdot 31^{13} + 30 \cdot 31^{14} + 18 \cdot 31^{16} + 8 \cdot 31^{17} + 25 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 22 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{14} + 23 \cdot 31^{15} + 17 \cdot 31^{16} + 10 \cdot 31^{17} + 4 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 4) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 17 \cdot 31^{14} + 22 \cdot 31^{15} + 27 \cdot 31^{16} + 25 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 3, 1) = 2 \cdot 31^{12} + 22 \cdot 31^{13} + 7 \cdot 31^{14} + 13 \cdot 31^{15} + 29 \cdot 31^{16} + 10 \cdot 31^{17} + 12 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 2, 2) = 4 \cdot 31^{12} + 20 \cdot 31^{14} + 18 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 6 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 19 \cdot 31^{17} + 28 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 3) = 5 \cdot 31^{12} + 22 \cdot 31^{13} + 31^{14} + 21 \cdot 31^{15} + 22 \cdot 31^{16} + 22 \cdot 31^{17} + 27 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 30 \cdot 31^{12} + 13 \cdot 31^{13} + 9 \cdot 31^{14} + 21 \cdot 31^{15} + 21 \cdot 31^{16} + 31^{17} + 13 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 12 \cdot 31^{12} + 22 \cdot 31^{13} + 7 \cdot 31^{14} + 23 \cdot 31^{15} + 6 \cdot 31^{16} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 23 \cdot 31^{12} + 19 \cdot 31^{13} + 4 \cdot 31^{14} + 24 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 7) = 21 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 6, 1) = 10 \cdot 31^{12} + 11 \cdot 31^{13} + 17 \cdot 31^{14} + 28 \cdot 31^{15} + 5 \cdot 31^{16} + 13 \cdot 31^{17} + 28 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 5, 2) = 4 \cdot 31^{12} + 3 \cdot 31^{13} + 13 \cdot 31^{14} + 5 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 21 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 5, 1, 1) = 16 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 28 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 4, 3) = 22 \cdot 31^{12} + 28 \cdot 31^{13} + 9 \cdot 31^{14} + 28 \cdot 31^{15} + 3 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 4, 2, 1) = 19 \cdot 31^{12} + 30 \cdot 31^{13} + 10 \cdot 31^{14} + 19 \cdot 31^{15} + 13 \cdot 31^{16} + 31^{17} + 23 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 4, 1, 2) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 13 \cdot 31^{15} + 7 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 4, 1, 1, 1) = 21 \cdot 31^{12} + 11 \cdot 31^{13} + 21 \cdot 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 25 \cdot 31^{17} + 13 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 4) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 12 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 3, 1) = 13 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{15} + 14 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 2, 2) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 15 \cdot 31^{16} + 18 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 2, 1, 1) = 28 \cdot 31^{12} + 26 \cdot 31^{13} + 20 \cdot 31^{14} + 29 \cdot 31^{15} + 4 \cdot 31^{16} + 25 \cdot 31^{17} + 4 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 3) = 22 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 2 \cdot 31^{17} + 14 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 2, 1) = 10 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 22 \cdot 31^{15} + 7 \cdot 31^{16} + 24 \cdot 31^{17} + 21 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 1, 2) = 17 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 14 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 3, 1, 1, 1) = 8 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 11 \cdot 31^{17} + 18 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 5) = 30 \cdot 31^{12} + 30 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 12 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 4, 1) = 2 \cdot 31^{12} + 28 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 17 \cdot 31^{16} + 8 \cdot 31^{17} + 17 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 3, 2) = 30 \cdot 31^{12} + 3 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 31^{16} + 27 \cdot 31^{17} + 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 3, 1, 1) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 26 \cdot 31^{14} + 11 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 3) = 16 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 14 \cdot 31^{15} + 29 \cdot 31^{16} + 27 \cdot 31^{17} + 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 2, 1) = 27 \cdot 31^{12} + 29 \cdot 31^{13} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 5 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 1, 2) = 11 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 21 \cdot 31^{15} + 30 \cdot 31^{16} + 25 \cdot 31^{17} + 17 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 23 \cdot 31^{12} + 15 \cdot 31^{14} + 26 \cdot 31^{15} + 10 \cdot 31^{16} + 30 \cdot 31^{17} + 3 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 4) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 30 \cdot 31^{14} + 27 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 2 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 3, 1) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 7 \cdot 31^{14} + 5 \cdot 31^{15} + 31^{16} + 3 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 2, 2) = 9 \cdot 31^{12} + 11 \cdot 31^{13} + 4 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 24 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 18 \cdot 31^{12} + 18 \cdot 31^{13} + 17 \cdot 31^{14} + 3 \cdot 31^{15} + 29 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 3) = 23 \cdot 31^{12} + 14 \cdot 31^{13} + 15 \cdot 31^{14} + 16 \cdot 31^{15} + 13 \cdot 31^{16} + 23 \cdot 31^{17} + 3 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 7 \cdot 31^{12} + 24 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 4 \cdot 31^{16} + 16 \cdot 31^{17} + 12 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 4 \cdot 31^{12} + 23 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{15} + 9 \cdot 31^{16} + 3 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 22 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 20 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 6) = 12 \cdot 31^{12} + 14 \cdot 31^{13} + 3 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 9 \cdot 31^{17} + 30 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 5, 1) = 21 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 22 \cdot 31^{15} + 9 \cdot 31^{16} + 2 \cdot 31^{17} + 19 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 4, 2) = 24 \cdot 31^{12} + 6 \cdot 31^{13} + 13 \cdot 31^{14} + 9 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 16 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 4, 1, 1) = 24 \cdot 31^{12} + 10 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 2 \cdot 31^{17} + 21 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 3) = 20 \cdot 31^{12} + 26 \cdot 31^{13} + 12 \cdot 31^{14} + 18 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 2, 1) = 18 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 14 \cdot 31^{15} + 10 \cdot 31^{16} + 4 \cdot 31^{17} + 8 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 1, 2) = 14 \cdot 31^{12} + 24 \cdot 31^{13} + 13 \cdot 31^{14} + 4 \cdot 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 14 \cdot 31^{12} + 27 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 30 \cdot 31^{16} + 15 \cdot 31^{17} + 6 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 4) = 8 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 6 \cdot 31^{15} + 31^{16} + 8 \cdot 31^{17} + 21 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 3, 1) = 7 \cdot 31^{12} + 12 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{16} + 27 \cdot 31^{17} + 16 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 2, 2) = 15 \cdot 31^{12} + 9 \cdot 31^{13} + 28 \cdot 31^{14} + 12 \cdot 31^{15} + 13 \cdot 31^{16} + 28 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 21 \cdot 31^{13} + 7 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 26 \cdot 31^{17} + 24 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 3) = 26 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 29 \cdot 31^{15} + 16 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 7 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{14} + 31^{15} + 9 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 5 \cdot 31^{14} + 6 \cdot 31^{15} + 20 \cdot 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 13 \cdot 31^{12} + 13 \cdot 31^{14} + 28 \cdot 31^{15} + 23 \cdot 31^{16} + 24 \cdot 31^{17} + 13 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 5) = 5 \cdot 31^{12} + 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{15} + 18 \cdot 31^{16} + 14 \cdot 31^{17} + 19 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 4, 1) = 24 \cdot 31^{12} + 8 \cdot 31^{13} + 5 \cdot 31^{14} + 21 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{17} + 8 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 3, 2) = 16 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 25 \cdot 31^{16} + 8 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 26 \cdot 31^{12} + 25 \cdot 31^{13} + 6 \cdot 31^{14} + 29 \cdot 31^{15} + 18 \cdot 31^{16} + 12 \cdot 31^{17} + 20 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 3) = 31^{12} + 8 \cdot 31^{13} + 17 \cdot 31^{14} + 4 \cdot 31^{15} + 22 \cdot 31^{16} + 12 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 30 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 13 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 12 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 3 \cdot 31^{12} + 14 \cdot 31^{13} + 28 \cdot 31^{14} + 7 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 14 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 22 \cdot 31^{12} + 16 \cdot 31^{13} + 24 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 20 \cdot 31^{18} + 31 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 4) = 26 \cdot 31^{12} + 26 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 27 \cdot 31^{17} + 27 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 29 \cdot 31^{12} + 17 \cdot 31^{13} + 19 \cdot 31^{14} + 14 \cdot 31^{15} + 26 \cdot 31^{16} + 23 \cdot 31^{17} + 22 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 18 \cdot 31^{12} + 4 \cdot 31^{13} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 23 \cdot 31^{12} + 19 \cdot 31^{13} + 4 \cdot 31^{14} + 24 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 19 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 17 \cdot 31^{16} + 6 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 24 \cdot 31^{14} + 11 \cdot 31^{15} + 9 \cdot 31^{16} + 14 \cdot 31^{17} + 6 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 6 \cdot 31^{12} + 14 \cdot 31^{13} + 4 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 15 \cdot 31^{17} + 12 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 10) = 28 \cdot 31^{12} + 10 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 9, 1) = 31^{12} + 27 \cdot 31^{13} + 24 \cdot 31^{14} + 10 \cdot 31^{15} + 26 \cdot 31^{16} + 19 \cdot 31^{17} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 8, 2) = 10 \cdot 31^{12} + 29 \cdot 31^{13} + 10 \cdot 31^{14} + 17 \cdot 31^{15} + 12 \cdot 31^{16} + 10 \cdot 31^{17} + 26 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 8, 1, 1) = 25 \cdot 31^{12} + 28 \cdot 31^{13} + 17 \cdot 31^{15} + 3 \cdot 31^{16} + 3 \cdot 31^{17} + 21 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 7, 3) = 26 \cdot 31^{12} + 26 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 23 \cdot 31^{16} + 27 \cdot 31^{17} + 27 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 7, 2, 1) = 14 \cdot 31^{12} + 7 \cdot 31^{13} + 29 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 25 \cdot 31^{17} + 14 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 7, 1, 2) = 3 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 7, 1, 1, 1) = 25 \cdot 31^{13} + 31^{14} + 26 \cdot 31^{15} + 31^{16} + 22 \cdot 31^{17} + 24 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 6, 4) = 12 \cdot 31^{12} + 28 \cdot 31^{13} + 7 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 6, 3, 1) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 31^{14} + 2 \cdot 31^{15} + 7 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 6, 2, 2) = 26 \cdot 31^{12} + 26 \cdot 31^{13} + 7 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 6, 2, 1, 1) = 25 \cdot 31^{12} + 12 \cdot 31^{13} + 26 \cdot 31^{14} + 15 \cdot 31^{16} + 22 \cdot 31^{17} + 10 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 6, 1, 3) = 10 \cdot 31^{12} + 3 \cdot 31^{13} + 24 \cdot 31^{14} + 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 6, 1, 2, 1) = 7 \cdot 31^{12} + 4 \cdot 31^{13} + 27 \cdot 31^{14} + 4 \cdot 31^{15} + 18 \cdot 31^{16} + 20 \cdot 31^{17} + 17 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 6, 1, 1, 2) = 12 \cdot 31^{12} + 20 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 21 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 6, 1, 1, 1, 1) = 25 \cdot 31^{12} + 21 \cdot 31^{13} + 12 \cdot 31^{14} + 17 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 5, 5) = 5 \cdot 31^{12} + 27 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 5, 4, 1) = 2 \cdot 31^{12} + 9 \cdot 31^{13} + 27 \cdot 31^{14} + 31^{15} + 12 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 5, 3, 2) = 17 \cdot 31^{12} + 19 \cdot 31^{13} + 26 \cdot 31^{14} + 20 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 5, 3, 1, 1) = 14 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 18 \cdot 31^{15} + 2 \cdot 31^{16} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 5, 2, 3) = 15 \cdot 31^{12} + 9 \cdot 31^{13} + 24 \cdot 31^{14} + 12 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 24 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 5, 2, 2, 1) = 15 \cdot 31^{12} + 26 \cdot 31^{13} + 10 \cdot 31^{14} + 12 \cdot 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 19 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 5, 2, 1, 2) = 6 \cdot 31^{12} + 2 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 16 \cdot 31^{16} + 27 \cdot 31^{17} + 9 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 5, 2, 1, 1, 1) = 17 \cdot 31^{12} + 2 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 3 \cdot 31^{16} + 16 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 5, 1, 4) = 12 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 30 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 5, 1, 3, 1) = 17 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{16} + 22 \cdot 31^{17} + 2 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 5, 1, 2, 2) = 8 \cdot 31^{12} + 22 \cdot 31^{13} + 21 \cdot 31^{14} + 30 \cdot 31^{15} + 29 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 5, 1, 2, 1, 1) = 30 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 24 \cdot 31^{15} + 2 \cdot 31^{16} + 24 \cdot 31^{17} + 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 5, 1, 1, 3) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 25 \cdot 31^{14} + 21 \cdot 31^{15} + 8 \cdot 31^{16} + 2 \cdot 31^{17} + 2 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 5, 1, 1, 2, 1) = 12 \cdot 31^{12} + 19 \cdot 31^{13} + 11 \cdot 31^{14} + 13 \cdot 31^{15} + 9 \cdot 31^{16} + 9 \cdot 31^{17} + 9 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 5, 1, 1, 1, 2) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 30 \cdot 31^{15} + 28 \cdot 31^{16} + 30 \cdot 31^{17} + 27 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 5, 1, 1, 1, 1, 1) = 25 \cdot 31^{12} + 12 \cdot 31^{13} + 24 \cdot 31^{14} + 24 \cdot 31^{15} + 17 \cdot 31^{16} + 22 \cdot 31^{17} + 30 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 6) = 27 \cdot 31^{12} + 9 \cdot 31^{13} + 12 \cdot 31^{14} + 14 \cdot 31^{15} + 7 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 5, 1) = 9 \cdot 31^{12} + 9 \cdot 31^{13} + 10 \cdot 31^{14} + 21 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 28 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 4, 2) = 5 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 11 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 4, 1, 1) = 21 \cdot 31^{12} + 4 \cdot 31^{13} + 30 \cdot 31^{14} + 18 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 3, 3) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 17 \cdot 31^{14} + 22 \cdot 31^{15} + 27 \cdot 31^{16} + 25 \cdot 31^{17} + 13 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 3, 2, 1) = 6 \cdot 31^{12} + 20 \cdot 31^{13} + 8 \cdot 31^{14} + 26 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 19 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 3, 1, 2) = 30 \cdot 31^{13} + 5 \cdot 31^{14} + 29 \cdot 31^{15} + 9 \cdot 31^{16} + 11 \cdot 31^{17} + 24 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 3, 1, 1, 1) = 15 \cdot 31^{12} + 10 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 14 \cdot 31^{16} + 28 \cdot 31^{17} + 19 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 2, 4) = 7 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 2 \cdot 31^{15} + 4 \cdot 31^{16} + 12 \cdot 31^{17} + 30 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 2, 3, 1) = 26 \cdot 31^{12} + 8 \cdot 31^{13} + 5 \cdot 31^{14} + 19 \cdot 31^{15} + 6 \cdot 31^{16} + 7 \cdot 31^{17} + 20 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 2, 2, 2) = 12 \cdot 31^{12} + 2 \cdot 31^{13} + 31^{14} + 29 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 15 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 2, 2, 1, 1) = 20 \cdot 31^{12} + 19 \cdot 31^{13} + 24 \cdot 31^{14} + 27 \cdot 31^{15} + 31^{16} + 15 \cdot 31^{17} + 11 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 2, 1, 3) = 9 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 14 \cdot 31^{15} + 23 \cdot 31^{16} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 2, 1, 2, 1) = 7 \cdot 31^{12} + 10 \cdot 31^{13} + 12 \cdot 31^{14} + 18 \cdot 31^{15} + 8 \cdot 31^{16} + 16 \cdot 31^{17} + 7 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 2, 1, 1, 2) = 29 \cdot 31^{12} + 23 \cdot 31^{14} + 13 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 2, 1, 1, 1, 1) = 27 \cdot 31^{13} + 6 \cdot 31^{14} + 8 \cdot 31^{15} + 24 \cdot 31^{16} + 30 \cdot 31^{17} + 4 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 5) = 15 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 4, 1) = 20 \cdot 31^{12} + 28 \cdot 31^{13} + 25 \cdot 31^{14} + 24 \cdot 31^{15} + 25 \cdot 31^{16} + 2 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 3, 2) = 23 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{14} + 30 \cdot 31^{15} + 17 \cdot 31^{16} + 27 \cdot 31^{17} + 15 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 3, 1, 1) = 23 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 3 \cdot 31^{15} + 11 \cdot 31^{16} + 23 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 2, 3) = 20 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 10 \cdot 31^{16} + 2 \cdot 31^{17} + 28 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 2, 2, 1) = 20 \cdot 31^{12} + 4 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 9 \cdot 31^{16} + 12 \cdot 31^{17} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 2, 1, 2) = 28 \cdot 31^{12} + 8 \cdot 31^{13} + 8 \cdot 31^{14} + 7 \cdot 31^{15} + 9 \cdot 31^{16} + 29 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 2, 1, 1, 1) = 26 \cdot 31^{12} + 11 \cdot 31^{13} + 10 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 15 \cdot 31^{17} + 15 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 4) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{15} + 9 \cdot 31^{16} + 13 \cdot 31^{17} + 14 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 3, 1) = 21 \cdot 31^{12} + 4 \cdot 31^{13} + 17 \cdot 31^{14} + 20 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 2, 2) = 17 \cdot 31^{12} + 19 \cdot 31^{13} + 23 \cdot 31^{14} + 11 \cdot 31^{15} + 17 \cdot 31^{16} + 2 \cdot 31^{17} + 15 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 2, 1, 1) = 15 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 15 \cdot 31^{16} + 12 \cdot 31^{17} + 6 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 3) = 27 \cdot 31^{12} + 13 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 23 \cdot 31^{16} + 10 \cdot 31^{17} + 9 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 2, 1) = 29 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{15} + 18 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 1, 2) = 25 \cdot 31^{12} + 10 \cdot 31^{13} + 3 \cdot 31^{14} + 16 \cdot 31^{15} + 15 \cdot 31^{16} + 3 \cdot 31^{17} + 25 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 17 \cdot 31^{12} + 24 \cdot 31^{13} + 31^{14} + 4 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 7) = 28 \cdot 31^{12} + 2 \cdot 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 6, 1) = 11 \cdot 31^{12} + 3 \cdot 31^{13} + 25 \cdot 31^{14} + 2 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 18 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 5, 2) = 23 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 10 \cdot 31^{15} + 21 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 5, 1, 1) = 23 \cdot 31^{12} + 20 \cdot 31^{13} + 7 \cdot 31^{14} + 26 \cdot 31^{15} + 8 \cdot 31^{16} + 7 \cdot 31^{17} + 2 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 4, 3) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 30 \cdot 31^{14} + 27 \cdot 31^{15} + 6 \cdot 31^{16} + 18 \cdot 31^{17} + 2 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 4, 2, 1) = 19 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{14} + 13 \cdot 31^{15} + 18 \cdot 31^{16} + 25 \cdot 31^{17} + 17 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 4, 1, 2) = 30 \cdot 31^{12} + 18 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 12 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 4, 1, 1, 1) = 28 \cdot 31^{12} + 27 \cdot 31^{13} + 13 \cdot 31^{14} + 18 \cdot 31^{15} + 7 \cdot 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 3, 4) = 16 \cdot 31^{12} + 11 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 3, 3, 1) = 22 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 29 \cdot 31^{15} + 6 \cdot 31^{16} + 26 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 3, 2, 2) = 8 \cdot 31^{12} + 25 \cdot 31^{13} + 9 \cdot 31^{14} + 28 \cdot 31^{15} + 12 \cdot 31^{16} + 12 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 3, 2, 1, 1) = 3 \cdot 31^{12} + 19 \cdot 31^{13} + 8 \cdot 31^{14} + 23 \cdot 31^{15} + 16 \cdot 31^{16} + 3 \cdot 31^{17} + 7 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 3, 1, 3) = 7 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 17 \cdot 31^{15} + 8 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 3, 1, 2, 1) = 16 \cdot 31^{12} + 28 \cdot 31^{13} + 15 \cdot 31^{14} + 26 \cdot 31^{15} + 30 \cdot 31^{16} + 18 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 3, 1, 1, 2) = 13 \cdot 31^{12} + 9 \cdot 31^{13} + 9 \cdot 31^{14} + 18 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 22 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 3, 1, 1, 1, 1) = 26 \cdot 31^{12} + 23 \cdot 31^{13} + 19 \cdot 31^{14} + 20 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 17 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 5) = 14 \cdot 31^{12} + 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 4, 1) = 15 \cdot 31^{12} + 31^{13} + 30 \cdot 31^{14} + 17 \cdot 31^{15} + 9 \cdot 31^{16} + 9 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 3, 2) = 31^{12} + 7 \cdot 31^{13} + 9 \cdot 31^{14} + 26 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 3, 1, 1) = 22 \cdot 31^{12} + 3 \cdot 31^{13} + 16 \cdot 31^{14} + 14 \cdot 31^{15} + 8 \cdot 31^{16} + 12 \cdot 31^{17} + 18 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 2, 3) = 5 \cdot 31^{12} + 31^{13} + 4 \cdot 31^{14} + 29 \cdot 31^{15} + 14 \cdot 31^{16} + 3 \cdot 31^{17} + 26 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 2, 2, 1) = 12 \cdot 31^{12} + 3 \cdot 31^{13} + 26 \cdot 31^{14} + 2 \cdot 31^{15} + 24 \cdot 31^{16} + 9 \cdot 31^{17} + 4 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 2, 1, 2) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 23 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 4 \cdot 31^{17} + 20 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 2, 1, 1, 1) = 27 \cdot 31^{12} + 2 \cdot 31^{13} + 22 \cdot 31^{14} + 17 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 21 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 4) = 11 \cdot 31^{12} + 9 \cdot 31^{13} + 14 \cdot 31^{14} + 11 \cdot 31^{15} + 13 \cdot 31^{16} + 29 \cdot 31^{17} + 24 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 3, 1) = 6 \cdot 31^{12} + 7 \cdot 31^{13} + 15 \cdot 31^{14} + 10 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 25 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 2, 2) = 13 \cdot 31^{12} + 23 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 29 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 2, 1, 1) = 5 \cdot 31^{12} + 13 \cdot 31^{13} + 23 \cdot 31^{14} + 18 \cdot 31^{15} + 11 \cdot 31^{16} + 27 \cdot 31^{17} + 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 1, 3) = 30 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 23 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 1, 2, 1) = 30 \cdot 31^{12} + 21 \cdot 31^{13} + 8 \cdot 31^{14} + 29 \cdot 31^{15} + 22 \cdot 31^{16} + 14 \cdot 31^{17} + 21 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 2, 1, 1, 1, 2) = 11 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 3 \cdot 31^{15} + 15 \cdot 31^{16} + 7 \cdot 31^{17} + 15 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 25 \cdot 31^{12} + 17 \cdot 31^{13} + 28 \cdot 31^{14} + 16 \cdot 31^{15} + 27 \cdot 31^{17} + 21 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 6) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 12 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 5, 1) = 23 \cdot 31^{12} + 19 \cdot 31^{13} + 14 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 4, 2) = 23 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 10 \cdot 31^{15} + 15 \cdot 31^{16} + 17 \cdot 31^{17} + 20 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 4, 1, 1) = 5 \cdot 31^{12} + 8 \cdot 31^{13} + 25 \cdot 31^{14} + 19 \cdot 31^{15} + 19 \cdot 31^{16} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 3, 3) = 12 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 4 \cdot 31^{16} + 19 \cdot 31^{17} + 5 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 3, 2, 1) = 2 \cdot 31^{12} + 29 \cdot 31^{13} + 27 \cdot 31^{14} + 18 \cdot 31^{15} + 23 \cdot 31^{16} + 5 \cdot 31^{17} + 9 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 3, 1, 2) = 15 \cdot 31^{12} + 6 \cdot 31^{13} + 24 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 21 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 3, 1, 1, 1) = 12 \cdot 31^{12} + 25 \cdot 31^{13} + 7 \cdot 31^{14} + 12 \cdot 31^{15} + 26 \cdot 31^{16} + 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 4) = 23 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 6 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 3, 1) = 23 \cdot 31^{12} + 19 \cdot 31^{13} + 7 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 2, 2) = 13 \cdot 31^{12} + 21 \cdot 31^{13} + 30 \cdot 31^{14} + 23 \cdot 31^{15} + 11 \cdot 31^{16} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 2, 1, 1) = 16 \cdot 31^{12} + 30 \cdot 31^{13} + 7 \cdot 31^{14} + 25 \cdot 31^{15} + 14 \cdot 31^{16} + 25 \cdot 31^{17} + 6 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 1, 3) = 29 \cdot 31^{12} + 11 \cdot 31^{13} + 18 \cdot 31^{14} + 25 \cdot 31^{15} + 30 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 1, 2, 1) = 16 \cdot 31^{12} + 3 \cdot 31^{13} + 13 \cdot 31^{14} + 4 \cdot 31^{15} + 27 \cdot 31^{16} + 15 \cdot 31^{17} + 30 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 2, 1, 1, 2) = 11 \cdot 31^{12} + 11 \cdot 31^{13} + 13 \cdot 31^{14} + 30 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 12 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 19 \cdot 31^{14} + 31^{15} + 27 \cdot 31^{16} + 6 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 5) = 22 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 25 \cdot 31^{17} + 14 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 4, 1) = 16 \cdot 31^{12} + 3 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 14 \cdot 31^{16} + 15 \cdot 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 3, 2) = 29 \cdot 31^{12} + 10 \cdot 31^{13} + 20 \cdot 31^{14} + 14 \cdot 31^{15} + 2 \cdot 31^{16} + 23 \cdot 31^{17} + 27 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 3, 1, 1) = 30 \cdot 31^{12} + 21 \cdot 31^{13} + 7 \cdot 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 11 \cdot 31^{17} + 21 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 2, 3) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 14 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 12 \cdot 31^{17} + 16 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 2, 2, 1) = 16 \cdot 31^{12} + 2 \cdot 31^{13} + 29 \cdot 31^{14} + 31^{15} + 31^{16} + 6 \cdot 31^{17} + 4 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 2, 1, 2) = 29 \cdot 31^{12} + 18 \cdot 31^{13} + 12 \cdot 31^{14} + 13 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 10 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 7 \cdot 31^{12} + 16 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 16 \cdot 31^{16} + 18 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 4) = 12 \cdot 31^{12} + 29 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 30 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 3, 1) = 4 \cdot 31^{12} + 2 \cdot 31^{13} + 4 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 25 \cdot 31^{17} + 18 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 2, 2) = 12 \cdot 31^{12} + 6 \cdot 31^{13} + 4 \cdot 31^{14} + 16 \cdot 31^{15} + 22 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 17 \cdot 31^{12} + 15 \cdot 31^{13} + 7 \cdot 31^{14} + 2 \cdot 31^{15} + 28 \cdot 31^{16} + 14 \cdot 31^{17} + 7 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1, 3) = 27 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 19 \cdot 31^{15} + 17 \cdot 31^{16} + 30 \cdot 31^{17} + 24 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 13 \cdot 31^{12} + 23 \cdot 31^{13} + 9 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 24 \cdot 31^{17} + 16 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 3 \cdot 31^{12} + 12 \cdot 31^{14} + 8 \cdot 31^{15} + 31^{16} + 18 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 31^{12} + 12 \cdot 31^{13} + 15 \cdot 31^{14} + 12 \cdot 31^{15} + 28 \cdot 31^{16} + 5 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 8) = 10 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 5 \cdot 31^{16} + 25 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 7, 1) = 22 \cdot 31^{13} + 16 \cdot 31^{14} + 30 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 11 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 6, 2) = 4 \cdot 31^{12} + 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{15} + 24 \cdot 31^{16} + 20 \cdot 31^{17} + 26 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 6, 1, 1) = 16 \cdot 31^{12} + 30 \cdot 31^{13} + 17 \cdot 31^{14} + 15 \cdot 31^{15} + 21 \cdot 31^{16} + 20 \cdot 31^{17} + 15 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 5, 3) = 8 \cdot 31^{12} + 17 \cdot 31^{13} + 29 \cdot 31^{14} + 6 \cdot 31^{15} + 31^{16} + 8 \cdot 31^{17} + 21 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 5, 2, 1) = 11 \cdot 31^{12} + 8 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 29 \cdot 31^{16} + 28 \cdot 31^{17} + 29 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 5, 1, 2) = 20 \cdot 31^{12} + 17 \cdot 31^{13} + 12 \cdot 31^{14} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 5, 1, 1, 1) = 16 \cdot 31^{13} + 9 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{16} + 22 \cdot 31^{17} + 4 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 4, 4) = 29 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 4, 3, 1) = 10 \cdot 31^{12} + 31^{13} + 28 \cdot 31^{14} + 3 \cdot 31^{15} + 24 \cdot 31^{16} + 9 \cdot 31^{17} + 17 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 4, 2, 2) = 15 \cdot 31^{12} + 4 \cdot 31^{13} + 11 \cdot 31^{14} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 14 \cdot 31^{17} + 20 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 4, 2, 1, 1) = 20 \cdot 31^{12} + 12 \cdot 31^{13} + 31^{14} + 8 \cdot 31^{15} + 28 \cdot 31^{16} + 11 \cdot 31^{17} + 29 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 4, 1, 3) = 7 \cdot 31^{12} + 2 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 4 \cdot 31^{16} + 9 \cdot 31^{17} + 9 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 4, 1, 2, 1) = 6 \cdot 31^{12} + 30 \cdot 31^{13} + 16 \cdot 31^{14} + 5 \cdot 31^{15} + 18 \cdot 31^{16} + 14 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 4, 1, 1, 2) = 3 \cdot 31^{12} + 30 \cdot 31^{13} + 25 \cdot 31^{14} + 28 \cdot 31^{15} + 22 \cdot 31^{16} + 7 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 4, 1, 1, 1, 1) = 3 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 8 \cdot 31^{16} + 15 \cdot 31^{17} + 18 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 5) = 4 \cdot 31^{12} + 20 \cdot 31^{13} + 13 \cdot 31^{14} + 5 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 21 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 4, 1) = 10 \cdot 31^{12} + 22 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 11 \cdot 31^{16} + 15 \cdot 31^{17} + 16 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 3, 2) = 3 \cdot 31^{12} + 16 \cdot 31^{13} + 10 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 3, 1, 1) = 11 \cdot 31^{12} + 7 \cdot 31^{13} + 29 \cdot 31^{14} + 25 \cdot 31^{15} + 27 \cdot 31^{16} + 3 \cdot 31^{17} + 14 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 2, 3) = 5 \cdot 31^{12} + 3 \cdot 31^{13} + 19 \cdot 31^{14} + 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 6 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 2, 2, 1) = 30 \cdot 31^{12} + 7 \cdot 31^{13} + 7 \cdot 31^{14} + 26 \cdot 31^{15} + 7 \cdot 31^{16} + 22 \cdot 31^{17} + 19 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 2, 1, 2) = 14 \cdot 31^{12} + 9 \cdot 31^{13} + 12 \cdot 31^{14} + 3 \cdot 31^{15} + 21 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 2, 1, 1) = 27 \cdot 31^{12} + 12 \cdot 31^{13} + 7 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 4 \cdot 31^{17} + 29 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 4) = 23 \cdot 31^{12} + 5 \cdot 31^{13} + 17 \cdot 31^{14} + 9 \cdot 31^{15} + 6 \cdot 31^{16} + 11 \cdot 31^{17} + 22 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 3, 1) = 12 \cdot 31^{12} + 20 \cdot 31^{13} + 19 \cdot 31^{14} + 2 \cdot 31^{15} + 30 \cdot 31^{16} + 30 \cdot 31^{17} + 29 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 2, 2) = 23 \cdot 31^{12} + 12 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 2 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 2, 1, 1) = 18 \cdot 31^{12} + 20 \cdot 31^{13} + 23 \cdot 31^{14} + 15 \cdot 31^{15} + 2 \cdot 31^{16} + 2 \cdot 31^{17} + 7 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 1, 3) = 30 \cdot 31^{12} + 20 \cdot 31^{13} + 14 \cdot 31^{14} + 2 \cdot 31^{15} + 27 \cdot 31^{16} + 27 \cdot 31^{17} + 19 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 1, 2, 1) = 31^{12} + 6 \cdot 31^{13} + 7 \cdot 31^{14} + 25 \cdot 31^{15} + 19 \cdot 31^{16} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 3, 1, 1, 1, 2) = 8 \cdot 31^{12} + 14 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 5 \cdot 31^{16} + 24 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 3, 1, 1, 1, 1, 1) = 23 \cdot 31^{12} + 15 \cdot 31^{13} + 6 \cdot 31^{14} + 25 \cdot 31^{16} + 15 \cdot 31^{17} + 9 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 6) = 23 \cdot 31^{12} + 14 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 15 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 5, 1) = 16 \cdot 31^{12} + 10 \cdot 31^{13} + 14 \cdot 31^{15} + 15 \cdot 31^{16} + 13 \cdot 31^{17} + 7 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 4, 2) = 31^{12} + 10 \cdot 31^{13} + 6 \cdot 31^{14} + 13 \cdot 31^{15} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 28 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 4, 1, 1) = 24 \cdot 31^{12} + 6 \cdot 31^{13} + 26 \cdot 31^{14} + 28 \cdot 31^{15} + 10 \cdot 31^{16} + 4 \cdot 31^{17} + 6 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 3, 3) = 18 \cdot 31^{12} + 2 \cdot 31^{13} + 2 \cdot 31^{14} + 18 \cdot 31^{15} + 19 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 3, 2, 1) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 2 \cdot 31^{14} + 9 \cdot 31^{15} + 12 \cdot 31^{16} + 22 \cdot 31^{17} + 20 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 3, 1, 2) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 13 \cdot 31^{14} + 12 \cdot 31^{15} + 12 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 3, 1, 1, 1) = 27 \cdot 31^{12} + 24 \cdot 31^{14} + 25 \cdot 31^{15} + 18 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 4) = 25 \cdot 31^{12} + 17 \cdot 31^{13} + 31^{14} + 4 \cdot 31^{15} + 15 \cdot 31^{16} + 4 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 3, 1) = 28 \cdot 31^{12} + 20 \cdot 31^{13} + 17 \cdot 31^{14} + 4 \cdot 31^{15} + 11 \cdot 31^{17} + 25 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 2, 2) = 30 \cdot 31^{12} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 10 \cdot 31^{16} + 4 \cdot 31^{17} + 6 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 2, 1, 1) = 17 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 23 \cdot 31^{15} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 11 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 3) = 2 \cdot 31^{12} + 3 \cdot 31^{13} + 28 \cdot 31^{14} + 14 \cdot 31^{15} + 6 \cdot 31^{16} + 7 \cdot 31^{17} + 5 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 2, 1) = 14 \cdot 31^{12} + 21 \cdot 31^{13} + 15 \cdot 31^{14} + 18 \cdot 31^{15} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 1, 2) = 4 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{14} + 12 \cdot 31^{15} + 15 \cdot 31^{16} + 31^{17} + 29 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 2, 1, 1, 1, 1) = 22 \cdot 31^{12} + 12 \cdot 31^{14} + 27 \cdot 31^{15} + 29 \cdot 31^{16} + 18 \cdot 31^{17} + 9 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 5) = 18 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 16 \cdot 31^{15} + 4 \cdot 31^{16} + 6 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 4, 1) = 16 \cdot 31^{13} + 18 \cdot 31^{14} + 26 \cdot 31^{15} + 17 \cdot 31^{16} + 10 \cdot 31^{17} + 30 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 3, 2) = 15 \cdot 31^{12} + 25 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 4 \cdot 31^{16} + 8 \cdot 31^{17} + 5 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 3, 1, 1) = 16 \cdot 31^{12} + 20 \cdot 31^{13} + 2 \cdot 31^{14} + 3 \cdot 31^{15} + 20 \cdot 31^{16} + 31^{17} + 23 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 3) = 2 \cdot 31^{13} + 17 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 27 \cdot 31^{17} + 9 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 2, 1) = 4 \cdot 31^{12} + 27 \cdot 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 24 \cdot 31^{16} + 16 \cdot 31^{17} + 21 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 1, 2) = 5 \cdot 31^{12} + 22 \cdot 31^{13} + 15 \cdot 31^{14} + 27 \cdot 31^{15} + 21 \cdot 31^{16} + 22 \cdot 31^{17} + 17 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 2, 1, 1, 1) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 9 \cdot 31^{14} + 31^{15} + 21 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 4) = 7 \cdot 31^{12} + 17 \cdot 31^{13} + 2 \cdot 31^{14} + 2 \cdot 31^{15} + 4 \cdot 31^{16} + 12 \cdot 31^{17} + 30 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 3, 1) = 29 \cdot 31^{12} + 16 \cdot 31^{13} + 5 \cdot 31^{14} + 3 \cdot 31^{15} + 19 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 2, 2) = 19 \cdot 31^{12} + 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 24 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 10 \cdot 31^{12} + 8 \cdot 31^{13} + 24 \cdot 31^{14} + 7 \cdot 31^{15} + 8 \cdot 31^{16} + 9 \cdot 31^{17} + 25 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1, 3) = 27 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{17} + 21 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 25 \cdot 31^{12} + 10 \cdot 31^{14} + 9 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 12 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 3 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 23 \cdot 31^{16} + 16 \cdot 31^{17} + 26 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 2, 1, 1, 1, 1, 1, 1) = 25 \cdot 31^{12} + 18 \cdot 31^{13} + 8 \cdot 31^{14} + 6 \cdot 31^{15} + 25 \cdot 31^{16} + 16 \cdot 31^{17} + 25 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 7) = 28 \cdot 31^{12} + 8 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 18 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 6, 1) = 25 \cdot 31^{12} + 8 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 24 \cdot 31^{16} + 21 \cdot 31^{17} + 9 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 5, 2) = 19 \cdot 31^{12} + 11 \cdot 31^{13} + 3 \cdot 31^{14} + 13 \cdot 31^{15} + 8 \cdot 31^{16} + 17 \cdot 31^{17} + 25 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 5, 1, 1) = 15 \cdot 31^{12} + 22 \cdot 31^{13} + 23 \cdot 31^{14} + 17 \cdot 31^{15} + 6 \cdot 31^{16} + 22 \cdot 31^{17} + 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 4, 3) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 12 \cdot 31^{17} + 16 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 4, 2, 1) = 25 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 30 \cdot 31^{15} + 20 \cdot 31^{16} + 20 \cdot 31^{17} + 4 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 4, 1, 2) = 4 \cdot 31^{12} + 19 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 18 \cdot 31^{17} + 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 4, 1, 1, 1) = 15 \cdot 31^{12} + 5 \cdot 31^{13} + 2 \cdot 31^{14} + 11 \cdot 31^{15} + 16 \cdot 31^{16} + 20 \cdot 31^{17} + 21 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 4) = 22 \cdot 31^{12} + 18 \cdot 31^{13} + 6 \cdot 31^{14} + 28 \cdot 31^{15} + 8 \cdot 31^{16} + 15 \cdot 31^{17} + 8 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 3, 1) = 23 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 24 \cdot 31^{15} + 28 \cdot 31^{16} + 6 \cdot 31^{17} + 23 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 2, 2) = 10 \cdot 31^{12} + 11 \cdot 31^{13} + 18 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 8 \cdot 31^{17} + 17 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 2, 1, 1) = 25 \cdot 31^{12} + 16 \cdot 31^{13} + 31^{14} + 31^{15} + 16 \cdot 31^{16} + 11 \cdot 31^{17} + 26 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 3) = 10 \cdot 31^{12} + 15 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 12 \cdot 31^{16} + 28 \cdot 31^{17} + 30 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 2, 1) = 9 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 7 \cdot 31^{16} + 3 \cdot 31^{17} + 19 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 1, 2) = 14 \cdot 31^{12} + 22 \cdot 31^{13} + 12 \cdot 31^{14} + 11 \cdot 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 23 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 3, 1, 1, 1, 1) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 21 \cdot 31^{14} + 5 \cdot 31^{16} + 31^{17} + 6 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 5) = 21 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 4, 1) = 31^{12} + 7 \cdot 31^{13} + 20 \cdot 31^{14} + 25 \cdot 31^{15} + 6 \cdot 31^{16} + 19 \cdot 31^{17} + 6 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 3, 2) = 15 \cdot 31^{12} + 23 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 10 \cdot 31^{16} + 24 \cdot 31^{17} + 20 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 3, 1, 1) = 26 \cdot 31^{12} + 24 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{15} + 11 \cdot 31^{16} + 17 \cdot 31^{17} + 25 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 3) = 4 \cdot 31^{12} + 31^{13} + 14 \cdot 31^{14} + 7 \cdot 31^{15} + 24 \cdot 31^{16} + 27 \cdot 31^{17} + 13 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 2, 1) = 17 \cdot 31^{12} + 24 \cdot 31^{13} + 25 \cdot 31^{14} + 13 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 1, 2) = 15 \cdot 31^{12} + 24 \cdot 31^{13} + 17 \cdot 31^{14} + 25 \cdot 31^{15} + 23 \cdot 31^{16} + 29 \cdot 31^{17} + 4 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 2, 1, 1, 1) = 24 \cdot 31^{12} + 17 \cdot 31^{13} + 28 \cdot 31^{14} + 28 \cdot 31^{15} + 21 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 4) = 16 \cdot 31^{12} + 11 \cdot 31^{13} + 15 \cdot 31^{14} + 11 \cdot 31^{15} + 28 \cdot 31^{16} + 9 \cdot 31^{17} + 22 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 3, 1) = 5 \cdot 31^{12} + 3 \cdot 31^{13} + 14 \cdot 31^{14} + 17 \cdot 31^{15} + 3 \cdot 31^{16} + 11 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 2, 2) = 11 \cdot 31^{12} + 4 \cdot 31^{14} + 6 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 13 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 2, 1, 1) = 31^{12} + 24 \cdot 31^{13} + 15 \cdot 31^{14} + 23 \cdot 31^{16} + 9 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1, 3) = 20 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 6 \cdot 31^{16} + 14 \cdot 31^{17} + 25 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1, 2, 1) = 31^{12} + 24 \cdot 31^{13} + 15 \cdot 31^{14} + 23 \cdot 31^{16} + 9 \cdot 31^{17} + 23 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1, 1, 2) = 28 \cdot 31^{12} + 27 \cdot 31^{13} + 31^{14} + 30 \cdot 31^{15} + 2 \cdot 31^{16} + 17 \cdot 31^{17} + 3 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 28 \cdot 31^{14} + 9 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 6) = 13 \cdot 31^{12} + 10 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 17 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 5, 1) = 12 \cdot 31^{12} + 21 \cdot 31^{13} + 13 \cdot 31^{14} + 10 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 17 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 4, 2) = 22 \cdot 31^{12} + 7 \cdot 31^{13} + 27 \cdot 31^{14} + 24 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 4, 1, 1) = 30 \cdot 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 18 \cdot 31^{15} + 30 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 3) = 4 \cdot 31^{12} + 13 \cdot 31^{13} + 25 \cdot 31^{14} + 6 \cdot 31^{15} + 17 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 2, 1) = 14 \cdot 31^{12} + 26 \cdot 31^{13} + 6 \cdot 31^{14} + 15 \cdot 31^{15} + 27 \cdot 31^{16} + 30 \cdot 31^{17} + 10 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 1, 2) = 9 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 14 \cdot 31^{15} + 31^{16} + 6 \cdot 31^{17} + 19 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 3, 1, 1, 1) = 25 \cdot 31^{12} + 19 \cdot 31^{13} + 11 \cdot 31^{14} + 15 \cdot 31^{15} + 23 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 4) = 29 \cdot 31^{12} + 16 \cdot 31^{13} + 26 \cdot 31^{14} + 6 \cdot 31^{15} + 29 \cdot 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 3, 1) = 6 \cdot 31^{12} + 24 \cdot 31^{13} + 19 \cdot 31^{14} + 16 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 3 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 2, 2) = 30 \cdot 31^{12} + 19 \cdot 31^{13} + 22 \cdot 31^{14} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 2, 1, 1) = 27 \cdot 31^{12} + 20 \cdot 31^{13} + 14 \cdot 31^{14} + 11 \cdot 31^{15} + 31^{16} + 12 \cdot 31^{17} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 3) = 9 \cdot 31^{12} + 19 \cdot 31^{13} + 30 \cdot 31^{14} + 16 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 3 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 2, 1) = 13 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 16 \cdot 31^{15} + 25 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 28 \cdot 31^{15} + 4 \cdot 31^{16} + 21 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 5) = 19 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 5 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 4, 1) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 17 \cdot 31^{14} + 28 \cdot 31^{15} + 16 \cdot 31^{16} + 29 \cdot 31^{17} + 3 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 3, 2) = 21 \cdot 31^{12} + 23 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 3, 1, 1) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 20 \cdot 31^{14} + 12 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 13 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 3) = 15 \cdot 31^{12} + 12 \cdot 31^{13} + 6 \cdot 31^{14} + 20 \cdot 31^{15} + 24 \cdot 31^{16} + 14 \cdot 31^{17} + 23 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 2, 1) = 28 \cdot 31^{12} + 17 \cdot 31^{13} + 22 \cdot 31^{14} + 27 \cdot 31^{15} + 2 \cdot 31^{16} + 3 \cdot 31^{17} + 16 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 1, 2) = 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 11 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 30 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 8 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 28 \cdot 31^{15} + 4 \cdot 31^{16} + 21 \cdot 31^{17} + 8 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 4) = 12 \cdot 31^{12} + 28 \cdot 31^{13} + 7 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{17} + 27 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 3, 1) = 18 \cdot 31^{12} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 2, 2) = 14 \cdot 31^{12} + 14 \cdot 31^{13} + 10 \cdot 31^{14} + 29 \cdot 31^{15} + 17 \cdot 31^{16} + 9 \cdot 31^{17} + 18 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 25 \cdot 31^{12} + 5 \cdot 31^{13} + 28 \cdot 31^{14} + 9 \cdot 31^{15} + 27 \cdot 31^{16} + 22 \cdot 31^{17} + 16 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 3) = 2 \cdot 31^{12} + 27 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{15} + 16 \cdot 31^{16} + 12 \cdot 31^{17} + 7 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 26 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 28 \cdot 31^{15} + 12 \cdot 31^{16} + 25 \cdot 31^{17} + 7 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) = \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 15 \cdot 31^{12} + 3 \cdot 31^{13} + 11 \cdot 31^{14} + 19 \cdot 31^{15} + 18 \cdot 31^{16} + 25 \cdot 31^{17} + 5 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 2, 1, 1, 1, 1, 1, 1) = O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{31}(1, 1, 1, 9) = 9 \cdot 31^{12} + 18 \cdot 31^{13} + 22 \cdot 31^{14} + 20 \cdot 31^{15} + 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{31}(1, 1, 1, 8, 1) = 10 \cdot 31^{12} + 25 \cdot 31^{13} + 10 \cdot 31^{14} + 10 \cdot 31^{15} + 15 \cdot 31^{16} + 16 \cdot 31^{17} + 30 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{31}(1, 1, 1, 7, 2) = 15 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 31^{17} + 16 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{31}(1, 1, 1, 7, 1, 1) = 14 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 6 \cdot 31^{15} + 10 \cdot 31^{16} + 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{31}(1, 1, 1, 6, 3) = 5 \cdot 31^{12} + 31^{13} + 30 \cdot 31^{14} + 15 \cdot 31^{15} + 18 \cdot 31^{16} + 14 \cdot 31^{17} + 19 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{31}(1, 1, 1, 6, 2, 1) = 10 \cdot 31^{12} + 28 \cdot 31^{13} + 12 \cdot 31^{14} + 22 \cdot 31^{15} + 7 \cdot 31^{17} + 18 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{31}(1, 1, 1, 6, 1, 2) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 11 \cdot 31^{14} + 22 \cdot 31^{15} + 14 \cdot 31^{16} + 20 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 6, 1, 1, 1) = 22 \cdot 31^{12} + 2 \cdot 31^{13} + 28 \cdot 31^{14} + 25 \cdot 31^{15} + 16 \cdot 31^{16} + 29 \cdot 31^{17} + 2 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{31}(1, 1, 1, 5, 4) = 19 \cdot 31^{12} + 18 \cdot 31^{13} + 26 \cdot 31^{14} + 5 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 7 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{31}(1, 1, 1, 5, 3, 1) = 29 \cdot 31^{12} + 11 \cdot 31^{13} + 29 \cdot 31^{14} + 12 \cdot 31^{15} + 27 \cdot 31^{16} + 16 \cdot 31^{17} + 18 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{31}(1, 1, 1, 5, 2, 2) = 27 \cdot 31^{12} + 11 \cdot 31^{13} + 5 \cdot 31^{14} + 27 \cdot 31^{15} + 6 \cdot 31^{16} + 22 \cdot 31^{17} + 10 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{31}(1, 1, 1, 5, 2, 1, 1) = 8 \cdot 31^{12} + 13 \cdot 31^{13} + 8 \cdot 31^{14} + 2 \cdot 31^{15} + 7 \cdot 31^{17} + 31^{18} + 9 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{31}(1, 1, 1, 5, 1, 3) = 2 \cdot 31^{12} + 15 \cdot 31^{13} + 30 \cdot 31^{14} + 8 \cdot 31^{15} + 12 \cdot 31^{16} + 29 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{31}(1, 1, 1, 5, 1, 2, 1) = 23 \cdot 31^{12} + 11 \cdot 31^{13} + 2 \cdot 31^{14} + 27 \cdot 31^{15} + 15 \cdot 31^{16} + 30 \cdot 31^{17} + 4 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{31}(1, 1, 1, 5, 1, 1, 2) = 3 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{14} + 15 \cdot 31^{15} + 18 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 5, 1, 1, 1) = 8 \cdot 31^{12} + 29 \cdot 31^{13} + 19 \cdot 31^{14} + 30 \cdot 31^{15} + 19 \cdot 31^{16} + 22 \cdot 31^{17} + 28 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{31}(1, 1, 1, 4, 5) = 3 \cdot 31^{12} + 13 \cdot 31^{13} + 4 \cdot 31^{14} + 5 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{31}(1, 1, 1, 4, 4, 1) = 4 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 19 \cdot 31^{15} + 19 \cdot 31^{16} + 31^{18} + 24 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{31}(1, 1, 1, 4, 3, 2) = 14 \cdot 31^{12} + 28 \cdot 31^{13} + 24 \cdot 31^{14} + 6 \cdot 31^{15} + 16 \cdot 31^{16} + 4 \cdot 31^{17} + 10 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{31}(1, 1, 1, 4, 3, 1, 1) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 10 \cdot 31^{14} + 14 \cdot 31^{15} + 20 \cdot 31^{16} + 5 \cdot 31^{17} + 10 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{31}(1, 1, 1, 4, 2, 3) = 20 \cdot 31^{12} + 21 \cdot 31^{13} + 22 \cdot 31^{14} + 3 \cdot 31^{15} + 19 \cdot 31^{16} + 21 \cdot 31^{17} + 7 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{31}(1, 1, 1, 4, 2, 2, 1) = 28 \cdot 31^{12} + 10 \cdot 31^{13} + 18 \cdot 31^{14} + 6 \cdot 31^{15} + 13 \cdot 31^{16} + 24 \cdot 31^{17} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{31}(1, 1, 1, 4, 2, 1, 2) = 10 \cdot 31^{12} + 31^{13} + 13 \cdot 31^{14} + 27 \cdot 31^{15} + 31^{16} + 17 \cdot 31^{17} + 14 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{31}(1, 1, 1, 4, 2, 1, 1, 1) = 20 \cdot 31^{12} + 9 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 6 \cdot 31^{16} + 13 \cdot 31^{17} + 13 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{31}(1, 1, 1, 4, 1, 4) = 22 \cdot 31^{12} + 11 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 28 \cdot 31^{16} + 25 \cdot 31^{17} + 14 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{31}(1, 1, 1, 4, 1, 3, 1) = 2 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 9 \cdot 31^{15} + 11 \cdot 31^{16} + 23 \cdot 31^{17} + 28 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{31}(1, 1, 1, 4, 1, 2, 2) = 29 \cdot 31^{12} + 24 \cdot 31^{13} + 23 \cdot 31^{14} + 3 \cdot 31^{15} + 8 \cdot 31^{16} + 8 \cdot 31^{17} + 21 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{31}(1, 1, 1, 4, 1, 2, 1, 1) = 10 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 23 \cdot 31^{15} + 26 \cdot 31^{16} + 25 \cdot 31^{17} + 27 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{31}(1, 1, 1, 4, 1, 1, 3) = 26 \cdot 31^{12} + 2 \cdot 31^{13} + 3 \cdot 31^{14} + 30 \cdot 31^{15} + 31^{16} + 23 \cdot 31^{17} + 19 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{31}(1, 1, 1, 4, 1, 1, 2, 1) = 10 \cdot 31^{12} + 17 \cdot 31^{13} + 22 \cdot 31^{14} + 7 \cdot 31^{15} + 9 \cdot 31^{16} + 4 \cdot 31^{17} + 30 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 4, 1, 1, 1, 2) = 11 \cdot 31^{12} + 28 \cdot 31^{13} + 21 \cdot 31^{14} + 11 \cdot 31^{15} + 9 \cdot 31^{16} + 2 \cdot 31^{18} + 31^{19} + O(31^{20})$$

$$\zeta_{31}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{31}(1, 1, 1, 4, 1, 1, 1, 1) = 9 \cdot 31^{12} + 31^{13} + 4 \cdot 31^{14} + 5 \cdot 31^{15} + 4 \cdot 31^{16} + 31^{17} + 3 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20})$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 6) = 19 \cdot 31^{12} + 13 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 15 \cdot 31^{16} + 22 \cdot 31^{17} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 5, 1) = 21 \cdot 31^{12} + 8 \cdot 31^{13} + 5 \cdot 31^{14} + 15 \cdot 31^{15} + 18 \cdot 31^{16} + 16 \cdot 31^{17} + 2 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 4, 2) = 5 \cdot 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 20 \cdot 31^{16} + 14 \cdot 31^{17} + 12 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 4, 1, 1) = 3 \cdot 31^{12} + 14 \cdot 31^{13} + 18 \cdot 31^{14} + 21 \cdot 31^{15} + 29 \cdot 31^{16} + 4 \cdot 31^{17} + 19 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 3, 3) = 16 \cdot 31^{12} + 7 \cdot 31^{13} + 25 \cdot 31^{14} + 27 \cdot 31^{15} + 10 \cdot 31^{16} + 20 \cdot 31^{17} + 7 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 3, 2, 1) = 18 \cdot 31^{12} + 5 \cdot 31^{13} + 13 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 8 \cdot 31^{17} + 6 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 3, 1, 2) = 30 \cdot 31^{12} + 25 \cdot 31^{13} + 21 \cdot 31^{14} + 15 \cdot 31^{15} + 26 \cdot 31^{16} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 3, 1, 1, 1) = 31^{12} + 9 \cdot 31^{13} + 11 \cdot 31^{14} + 24 \cdot 31^{15} + 15 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 4) = 18 \cdot 31^{12} + 16 \cdot 31^{13} + 19 \cdot 31^{14} + 16 \cdot 31^{15} + 4 \cdot 31^{16} + 6 \cdot 31^{17} + 25 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 3, 1) = 11 \cdot 31^{12} + 17 \cdot 31^{13} + 25 \cdot 31^{15} + 29 \cdot 31^{16} + 25 \cdot 31^{17} + 29 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 2, 2) = 31^{12} + 7 \cdot 31^{13} + 2 \cdot 31^{14} + 24 \cdot 31^{15} + 30 \cdot 31^{16} + 19 \cdot 31^{17} + 11 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 2, 1, 1) = 27 \cdot 31^{12} + 7 \cdot 31^{13} + 12 \cdot 31^{14} + 5 \cdot 31^{15} + 15 \cdot 31^{16} + 10 \cdot 31^{17} + 23 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 3) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 6 \cdot 31^{14} + 19 \cdot 31^{15} + 5 \cdot 31^{16} + 7 \cdot 31^{17} + 13 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 2, 1) = 10 \cdot 31^{12} + 16 \cdot 31^{13} + 25 \cdot 31^{14} + 23 \cdot 31^{15} + 9 \cdot 31^{16} + 26 \cdot 31^{17} + 8 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 1, 2) = 6 \cdot 31^{12} + 17 \cdot 31^{13} + 14 \cdot 31^{14} + 25 \cdot 31^{15} + 17 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 3 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 9 \cdot 31^{15} + 9 \cdot 31^{16} + 15 \cdot 31^{17} + 21 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 5) = 13 \cdot 31^{12} + 23 \cdot 31^{13} + 28 \cdot 31^{14} + 6 \cdot 31^{15} + 2 \cdot 31^{17} + 15 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 4, 1) = 18 \cdot 31^{12} + 23 \cdot 31^{13} + 6 \cdot 31^{14} + 17 \cdot 31^{15} + 26 \cdot 31^{16} + 24 \cdot 31^{17} + 30 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 3, 2) = 2 \cdot 31^{12} + 16 \cdot 31^{13} + 3 \cdot 31^{14} + 9 \cdot 31^{15} + 24 \cdot 31^{16} + 11 \cdot 31^{17} + 9 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 3, 1, 1) = 7 \cdot 31^{12} + 29 \cdot 31^{13} + 8 \cdot 31^{14} + 2 \cdot 31^{15} + 14 \cdot 31^{16} + 7 \cdot 31^{17} + 22 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 3) = 19 \cdot 31^{12} + 21 \cdot 31^{13} + 12 \cdot 31^{14} + 31^{15} + 25 \cdot 31^{16} + 24 \cdot 31^{17} + 25 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 2, 1) = 2 \cdot 31^{12} + 13 \cdot 31^{13} + 28 \cdot 31^{14} + 25 \cdot 31^{15} + 10 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 1, 2) = 19 \cdot 31^{12} + 9 \cdot 31^{13} + 4 \cdot 31^{14} + 21 \cdot 31^{15} + 7 \cdot 31^{16} + 5 \cdot 31^{17} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 7 \cdot 31^{12} + 29 \cdot 31^{13} + 5 \cdot 31^{14} + 20 \cdot 31^{15} + 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 10 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 4) = 15 \cdot 31^{12} + 6 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 24 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 3, 1) = 24 \cdot 31^{12} + 20 \cdot 31^{13} + 6 \cdot 31^{14} + 20 \cdot 31^{15} + 14 \cdot 31^{16} + 9 \cdot 31^{17} + 6 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 2, 2) = 19 \cdot 31^{12} + 29 \cdot 31^{13} + 15 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 5 \cdot 31^{17} + 7 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 14 \cdot 31^{12} + 24 \cdot 31^{13} + 21 \cdot 31^{14} + 25 \cdot 31^{15} + 3 \cdot 31^{16} + 23 \cdot 31^{17} + 20 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 3) = 2 \cdot 31^{12} + 17 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 30 \cdot 31^{16} + 6 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 17 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 3 \cdot 31^{16} + 3 \cdot 31^{17} + 3 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 7 \cdot 31^{12} + 26 \cdot 31^{13} + 27 \cdot 31^{14} + 21 \cdot 31^{15} + 21 \cdot 31^{16} + 24 \cdot 31^{17} + 3 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 29 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 7 \cdot 31^{15} + 29 \cdot 31^{16} + 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 7) = 19 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 6, 1) = 22 \cdot 31^{12} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 18 \cdot 31^{16} + 16 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 5, 2) = 4 \cdot 31^{12} + 22 \cdot 31^{13} + 16 \cdot 31^{14} + 16 \cdot 31^{15} + 25 \cdot 31^{16} + 21 \cdot 31^{17} + 3 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 5, 1, 1) = 2 \cdot 31^{12} + 31^{13} + 21 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 28 \cdot 31^{17} + 21 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 4, 3) = 30 \cdot 31^{12} + 30 \cdot 31^{13} + 24 \cdot 31^{14} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 12 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 4, 2, 1) = 14 \cdot 31^{12} + 13 \cdot 31^{13} + 27 \cdot 31^{14} + 30 \cdot 31^{15} + 30 \cdot 31^{16} + 3 \cdot 31^{17} + 28 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 4, 1, 2) = 22 \cdot 31^{12} + 22 \cdot 31^{13} + 6 \cdot 31^{14} + 7 \cdot 31^{16} + 8 \cdot 31^{17} + 6 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 4, 1, 1, 1) = 7 \cdot 31^{12} + 24 \cdot 31^{13} + 25 \cdot 31^{14} + 31^{17} + 22 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 4) = 21 \cdot 31^{12} + 11 \cdot 31^{13} + 31^{14} + 24 \cdot 31^{15} + 24 \cdot 31^{16} + 12 \cdot 31^{17} + 25 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 3, 1) = 9 \cdot 31^{12} + 24 \cdot 31^{13} + 11 \cdot 31^{14} + 4 \cdot 31^{15} + 31^{16} + 25 \cdot 31^{17} + 24 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 2, 2) = 8 \cdot 31^{12} + 4 \cdot 31^{13} + 20 \cdot 31^{14} + 7 \cdot 31^{15} + 7 \cdot 31^{16} + 16 \cdot 31^{17} + 2 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 2, 1, 1) = 16 \cdot 31^{12} + 3 \cdot 31^{13} + 3 \cdot 31^{14} + 4 \cdot 31^{15} + 27 \cdot 31^{16} + 7 \cdot 31^{17} + 28 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 3) = 2 \cdot 31^{12} + 14 \cdot 31^{13} + 25 \cdot 31^{14} + 9 \cdot 31^{15} + 7 \cdot 31^{16} + 31^{17} + 11 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 2, 1) = 21 \cdot 31^{12} + 29 \cdot 31^{13} + 30 \cdot 31^{14} + 8 \cdot 31^{15} + 26 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 1, 2) = 7 \cdot 31^{12} + 12 \cdot 31^{13} + 17 \cdot 31^{14} + 16 \cdot 31^{15} + 12 \cdot 31^{16} + 9 \cdot 31^{17} + 7 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 11 \cdot 31^{12} + 27 \cdot 31^{13} + 8 \cdot 31^{14} + 13 \cdot 31^{16} + 21 \cdot 31^{17} + 13 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 5) = 12 \cdot 31^{12} + 14 \cdot 31^{13} + 2 \cdot 31^{14} + 6 \cdot 31^{15} + 31^{16} + 11 \cdot 31^{17} + 24 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 4, 1) = 12 \cdot 31^{12} + 31^{13} + 9 \cdot 31^{14} + 10 \cdot 31^{15} + 2 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 3, 2) = 25 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{14} + 19 \cdot 31^{15} + 11 \cdot 31^{16} + 26 \cdot 31^{17} + 22 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 3, 1, 1) = 31^{12} + 24 \cdot 31^{13} + 27 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 29 \cdot 31^{17} + 16 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 3) = 29 \cdot 31^{12} + 6 \cdot 31^{13} + 18 \cdot 31^{14} + 7 \cdot 31^{16} + 11 \cdot 31^{17} + 16 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 2, 1) = 5 \cdot 31^{12} + 27 \cdot 31^{13} + 3 \cdot 31^{14} + 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 12 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 1, 2) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 15 \cdot 31^{14} + 29 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 2 \cdot 31^{12} + 25 \cdot 31^{13} + 30 \cdot 31^{14} + 3 \cdot 31^{15} + 26 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 4) = 14 \cdot 31^{12} + 31^{13} + 27 \cdot 31^{14} + 25 \cdot 31^{15} + 16 \cdot 31^{16} + 28 \cdot 31^{17} + 8 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 3, 1) = 21 \cdot 31^{12} + 30 \cdot 31^{13} + 24 \cdot 31^{14} + 21 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 10 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 2, 2) = 4 \cdot 31^{13} + 28 \cdot 31^{14} + 9 \cdot 31^{15} + 4 \cdot 31^{16} + 2 \cdot 31^{17} + 27 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 15 \cdot 31^{12} + 10 \cdot 31^{13} + 5 \cdot 31^{14} + 16 \cdot 31^{15} + 28 \cdot 31^{16} + 26 \cdot 31^{17} + 17 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 3) = 13 \cdot 31^{12} + 21 \cdot 31^{13} + 19 \cdot 31^{14} + 8 \cdot 31^{15} + 27 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 16 \cdot 31^{12} + 29 \cdot 31^{13} + 2 \cdot 31^{15} + 27 \cdot 31^{16} + 29 \cdot 31^{17} + 24 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 7 \cdot 31^{12} + 15 \cdot 31^{13} + 5 \cdot 31^{14} + 28 \cdot 31^{15} + 26 \cdot 31^{16} + 26 \cdot 31^{17} + 23 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 19 \cdot 31^{14} + 16 \cdot 31^{15} + 10 \cdot 31^{16} + 25 \cdot 31^{17} + 30 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 6) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 13 \cdot 31^{14} + 28 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 5, 1) = 10 \cdot 31^{12} + 31^{13} + 29 \cdot 31^{14} + 24 \cdot 31^{15} + 19 \cdot 31^{16} + 5 \cdot 31^{17} + 24 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 4, 2) = 28 \cdot 31^{13} + 30 \cdot 31^{14} + 2 \cdot 31^{15} + 16 \cdot 31^{16} + 3 \cdot 31^{17} + 10 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 4, 1, 1) = 18 \cdot 31^{13} + 20 \cdot 31^{14} + 20 \cdot 31^{15} + 27 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 3) = 6 \cdot 31^{12} + 29 \cdot 31^{13} + 18 \cdot 31^{14} + 3 \cdot 31^{15} + 19 \cdot 31^{16} + 27 \cdot 31^{17} + 11 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 2, 1) = 7 \cdot 31^{12} + 23 \cdot 31^{13} + 8 \cdot 31^{14} + 28 \cdot 31^{15} + 2 \cdot 31^{16} + 17 \cdot 31^{17} + 27 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 1, 2) = 13 \cdot 31^{13} + 2 \cdot 31^{14} + 14 \cdot 31^{15} + 16 \cdot 31^{16} + 26 \cdot 31^{17} + 15 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 3, 1, 1, 1) = 27 \cdot 31^{12} + 20 \cdot 31^{13} + 8 \cdot 31^{14} + 19 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 3 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 4) = 4 \cdot 31^{12} + 20 \cdot 31^{13} + 13 \cdot 31^{14} + 5 \cdot 31^{15} + 23 \cdot 31^{16} + 25 \cdot 31^{17} + 21 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 3, 1) = 30 \cdot 31^{12} + 15 \cdot 31^{13} + 28 \cdot 31^{14} + 25 \cdot 31^{15} + 21 \cdot 31^{16} + 5 \cdot 31^{17} + 6 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 2, 2) = 30 \cdot 31^{12} + 12 \cdot 31^{13} + 4 \cdot 31^{14} + 22 \cdot 31^{15} + 5 \cdot 31^{16} + 18 \cdot 31^{17} + 22 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 2, 1, 1) = 21 \cdot 31^{13} + 21 \cdot 31^{14} + 23 \cdot 31^{15} + 9 \cdot 31^{16} + 20 \cdot 31^{17} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 3) = 13 \cdot 31^{12} + 23 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 31^{16} + 11 \cdot 31^{17} + 18 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 2, 1) = 20 \cdot 31^{12} + 26 \cdot 31^{13} + 16 \cdot 31^{14} + 25 \cdot 31^{15} + 21 \cdot 31^{16} + 18 \cdot 31^{17} + 18 \cdot 31^{18} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 26 \cdot 31^{12} + 4 \cdot 31^{13} + 25 \cdot 31^{14} + 30 \cdot 31^{16} + 26 \cdot 31^{17} + 13 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 2, 1, 1, 1, 1) = 17 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 26 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 5) = 3 \cdot 31^{12} + 13 \cdot 31^{13} + 4 \cdot 31^{14} + 5 \cdot 31^{15} + 21 \cdot 31^{16} + 3 \cdot 31^{17} + 23 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 4, 1) = 3 \cdot 31^{12} + 27 \cdot 31^{13} + 7 \cdot 31^{14} + 16 \cdot 31^{15} + 10 \cdot 31^{16} + 31^{17} + 4 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 3, 2) = 10 \cdot 31^{12} + 26 \cdot 31^{13} + 12 \cdot 31^{14} + 10 \cdot 31^{15} + 26 \cdot 31^{16} + 13 \cdot 31^{17} + 27 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 3, 1, 1) = 6 \cdot 31^{12} + 3 \cdot 31^{13} + 29 \cdot 31^{14} + 3 \cdot 31^{15} + 8 \cdot 31^{16} + 18 \cdot 31^{17} + 12 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 3) = 18 \cdot 31^{12} + 5 \cdot 31^{13} + 14 \cdot 31^{14} + 13 \cdot 31^{15} + 20 \cdot 31^{16} + 4 \cdot 31^{17} + 11 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 2, 1) = 14 \cdot 31^{12} + 9 \cdot 31^{13} + 20 \cdot 31^{14} + 4 \cdot 31^{15} + 30 \cdot 31^{16} + 26 \cdot 31^{17} + 25 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 19 \cdot 31^{12} + 12 \cdot 31^{13} + 26 \cdot 31^{14} + 7 \cdot 31^{15} + 4 \cdot 31^{16} + 20 \cdot 31^{17} + 29 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 2, 1, 1, 1) = 15 \cdot 31^{12} + 15 \cdot 31^{13} + 23 \cdot 31^{14} + 5 \cdot 31^{15} + 21 \cdot 31^{16} + 19 \cdot 31^{17} + 13 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 4) = 5 \cdot 31^{12} + 27 \cdot 31^{13} + 6 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 25 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 3, 1) = 25 \cdot 31^{12} + 25 \cdot 31^{13} + 4 \cdot 31^{14} + 17 \cdot 31^{15} + 27 \cdot 31^{16} + 10 \cdot 31^{17} + 14 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 6 \cdot 31^{12} + 9 \cdot 31^{13} + 31^{14} + 5 \cdot 31^{15} + 13 \cdot 31^{16} + 15 \cdot 31^{17} + 4 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 2, 1, 1) = 17 \cdot 31^{12} + 29 \cdot 31^{13} + 23 \cdot 31^{14} + 20 \cdot 31^{15} + 8 \cdot 31^{16} + 25 \cdot 31^{17} + 26 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 20 \cdot 31^{12} + 17 \cdot 31^{13} + 18 \cdot 31^{14} + 13 \cdot 31^{15} + 6 \cdot 31^{16} + 28 \cdot 31^{17} + 7 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1, 2, 1) = 26 \cdot 31^{12} + 16 \cdot 31^{13} + 12 \cdot 31^{14} + 29 \cdot 31^{15} + 28 \cdot 31^{16} + 27 \cdot 31^{17} + 10 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 6 \cdot 31^{12} + 28 \cdot 31^{13} + 28 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 26 \cdot 31^{17} + 18 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 8) = 23 \cdot 31^{12} + 7 \cdot 31^{13} + 20 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 10 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 7, 1) = 2 \cdot 31^{12} + 10 \cdot 31^{13} + 22 \cdot 31^{14} + 27 \cdot 31^{15} + 9 \cdot 31^{16} + 28 \cdot 31^{17} + 15 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 6, 2) = 31^{12} + 11 \cdot 31^{13} + 25 \cdot 31^{14} + 20 \cdot 31^{15} + 29 \cdot 31^{16} + 14 \cdot 31^{17} + 30 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 6, 1, 1) = 10 \cdot 31^{12} + 15 \cdot 31^{13} + 2 \cdot 31^{14} + 15 \cdot 31^{15} + 4 \cdot 31^{17} + 12 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 5, 3) = 12 \cdot 31^{12} + 14 \cdot 31^{13} + 3 \cdot 31^{14} + 19 \cdot 31^{15} + 20 \cdot 31^{16} + 9 \cdot 31^{17} + 30 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
 \zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 5, 2, 1) = 19 \cdot 31^{12} + 2 \cdot 31^{13} + 21 \cdot 31^{14} + 17 \cdot 31^{15} + 4 \cdot 31^{16} + 27 \cdot 31^{17} + 27 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 5, 1, 2) = 6 \cdot 31^{12} + 17 \cdot 31^{13} + 23 \cdot 31^{14} + 19 \cdot 31^{15} + 9 \cdot 31^{16} + 22 \cdot 31^{17} + 11 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 5, 1, 1, 1) = 19 \cdot 31^{12} + 17 \cdot 31^{13} + 28 \cdot 31^{14} + 26 \cdot 31^{15} + 22 \cdot 31^{16} + 24 \cdot 31^{17} + 4 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 4) = 13 \cdot 31^{12} + 10 \cdot 31^{13} + 17 \cdot 31^{14} + 8 \cdot 31^{15} + 21 \cdot 31^{16} + 17 \cdot 31^{17} + 23 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 3, 1) = 4 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 26 \cdot 31^{15} + 21 \cdot 31^{16} + 16 \cdot 31^{17} + 4 \cdot 31^{18} + 13 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 2, 2) = 8 \cdot 31^{12} + 22 \cdot 31^{13} + 26 \cdot 31^{14} + 10 \cdot 31^{15} + 4 \cdot 31^{16} + 21 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 2, 1, 1) = 25 \cdot 31^{12} + 6 \cdot 31^{13} + 28 \cdot 31^{14} + 21 \cdot 31^{15} + 7 \cdot 31^{16} + 15 \cdot 31^{17} + 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 3) = 25 \cdot 31^{12} + 10 \cdot 31^{13} + 20 \cdot 31^{14} + 10 \cdot 31^{15} + 23 \cdot 31^{16} + 27 \cdot 31^{17} + 22 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 2, 1) = 21 \cdot 31^{12} + 7 \cdot 31^{13} + 24 \cdot 31^{14} + 16 \cdot 31^{15} + 7 \cdot 31^{16} + 23 \cdot 31^{17} + 4 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 1, 2) = 30 \cdot 31^{12} + 29 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 3 \cdot 31^{16} + 21 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 13 \cdot 31^{12} + 29 \cdot 31^{13} + 6 \cdot 31^{14} + 5 \cdot 31^{15} + 16 \cdot 31^{16} + 22 \cdot 31^{17} + 14 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 5) = 30 \cdot 31^{12} + 27 \cdot 31^{13} + 13 \cdot 31^{14} + 28 \cdot 31^{15} + 25 \cdot 31^{16} + 28 \cdot 31^{17} + 22 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 4, 1) = 2 \cdot 31^{12} + 11 \cdot 31^{13} + 16 \cdot 31^{14} + 20 \cdot 31^{15} + 15 \cdot 31^{16} + 26 \cdot 31^{17} + 8 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 3, 2) = 28 \cdot 31^{12} + 11 \cdot 31^{13} + 23 \cdot 31^{14} + 30 \cdot 31^{15} + 21 \cdot 31^{16} + 8 \cdot 31^{17} + 13 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 3, 1, 1) = 22 \cdot 31^{12} + 13 \cdot 31^{13} + 6 \cdot 31^{14} + 24 \cdot 31^{15} + 11 \cdot 31^{16} + 8 \cdot 31^{17} + 13 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 3) = 29 \cdot 31^{12} + 9 \cdot 31^{13} + 25 \cdot 31^{14} + 12 \cdot 31^{15} + 11 \cdot 31^{16} + 25 \cdot 31^{17} + 3 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 2, 1) = 2 \cdot 31^{12} + 23 \cdot 31^{13} + 3 \cdot 31^{14} + 21 \cdot 31^{15} + 15 \cdot 31^{16} + 29 \cdot 31^{17} + 7 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 1, 2) = 18 \cdot 31^{12} + 20 \cdot 31^{13} + 24 \cdot 31^{14} + 2 \cdot 31^{15} + 19 \cdot 31^{16} + 12 \cdot 31^{17} + 10 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 13 \cdot 31^{12} + 16 \cdot 31^{13} + 11 \cdot 31^{14} + 20 \cdot 31^{15} + 17 \cdot 31^{16} + 13 \cdot 31^{17} + 12 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 4) = 30 \cdot 31^{12} + 26 \cdot 31^{13} + 19 \cdot 31^{15} + 25 \cdot 31^{16} + 22 \cdot 31^{17} + 12 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 3, 1) = 3 \cdot 31^{12} + 29 \cdot 31^{13} + 18 \cdot 31^{14} + 14 \cdot 31^{15} + 8 \cdot 31^{16} + 11 \cdot 31^{17} + 12 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 2, 2) = 24 \cdot 31^{12} + 30 \cdot 31^{13} + 26 \cdot 31^{14} + 13 \cdot 31^{15} + 9 \cdot 31^{16} + 17 \cdot 31^{17} + 7 \cdot 31^{18} + 14 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 3 \cdot 31^{12} + 9 \cdot 31^{13} + 13 \cdot 31^{14} + 6 \cdot 31^{15} + 28 \cdot 31^{16} + 29 \cdot 31^{17} + 12 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 3) = 12 \cdot 31^{12} + 15 \cdot 31^{13} + 8 \cdot 31^{14} + 5 \cdot 31^{15} + 28 \cdot 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 16 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 2 \cdot 31^{15} + 27 \cdot 31^{16} + 9 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 4 \cdot 31^{12} + 23 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 21 \cdot 31^{16} + 12 \cdot 31^{17} + 9 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 3, 1, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 6) = 26 \cdot 31^{12} + 3 \cdot 31^{13} + 7 \cdot 31^{14} + 11 \cdot 31^{15} + 26 \cdot 31^{16} + 16 \cdot 31^{17} + 11 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 5, 1) = 13 \cdot 31^{12} + 28 \cdot 31^{13} + 19 \cdot 31^{14} + 31^{15} + 14 \cdot 31^{16} + 13 \cdot 31^{17} + 19 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 4, 2) = 19 \cdot 31^{12} + 13 \cdot 31^{13} + 24 \cdot 31^{14} + 5 \cdot 31^{15} + 24 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 4, 1, 1) = 11 \cdot 31^{12} + 22 \cdot 31^{13} + 19 \cdot 31^{14} + 12 \cdot 31^{15} + 13 \cdot 31^{16} + 6 \cdot 31^{17} + 7 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 3) = 19 \cdot 31^{13} + 15 \cdot 31^{14} + 4 \cdot 31^{15} + 11 \cdot 31^{16} + 21 \cdot 31^{17} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 2, 1) = 3 \cdot 31^{13} + 13 \cdot 31^{14} + 20 \cdot 31^{15} + 13 \cdot 31^{16} + 15 \cdot 31^{17} + 9 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 1, 2) = 29 \cdot 31^{12} + 4 \cdot 31^{14} + 20 \cdot 31^{15} + 21 \cdot 31^{16} + 29 \cdot 31^{17} + 24 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 11 \cdot 31^{12} + 14 \cdot 31^{13} + 20 \cdot 31^{14} + 3 \cdot 31^{15} + 11 \cdot 31^{16} + 2 \cdot 31^{17} + 4 \cdot 31^{19} + O(31^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 4) = 23 \cdot 31^{12} + 14 \cdot 31^{13} + 2 \cdot 31^{14} + 17 \cdot 31^{16} + 28 \cdot 31^{17} + 15 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 3, 1) = 3 \cdot 31^{12} + 22 \cdot 31^{13} + 28 \cdot 31^{14} + 18 \cdot 31^{15} + 19 \cdot 31^{16} + 15 \cdot 31^{17} + 27 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 2, 2) = 6 \cdot 31^{12} + 14 \cdot 31^{13} + 29 \cdot 31^{14} + 30 \cdot 31^{15} + 14 \cdot 31^{16} + 5 \cdot 31^{17} + 27 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 2, 1, 1) = 30 \cdot 31^{12} + 21 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 24 \cdot 31^{16} + 9 \cdot 31^{17} + 17 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 3) = 20 \cdot 31^{12} + 26 \cdot 31^{13} + 23 \cdot 31^{14} + 22 \cdot 31^{15} + 25 \cdot 31^{16} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 2, 1) = 26 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 25 \cdot 31^{15} + 31^{17} + 20 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 1, 2) = 18 \cdot 31^{12} + 29 \cdot 31^{13} + 3 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 6 \cdot 31^{12} + 16 \cdot 31^{13} + 20 \cdot 31^{14} + 24 \cdot 31^{15} + 10 \cdot 31^{16} + 20 \cdot 31^{17} + 26 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 5) = 19 \cdot 31^{12} + 13 \cdot 31^{13} + 28 \cdot 31^{14} + 31^{15} + 15 \cdot 31^{16} + 22 \cdot 31^{17} + 9 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 4, 1) = 28 \cdot 31^{12} + 5 \cdot 31^{13} + 29 \cdot 31^{14} + 26 \cdot 31^{15} + 14 \cdot 31^{16} + 21 \cdot 31^{17} + 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 3, 2) = 30 \cdot 31^{12} + 8 \cdot 31^{13} + 7 \cdot 31^{14} + 15 \cdot 31^{15} + 25 \cdot 31^{16} + 29 \cdot 31^{17} + 22 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 3, 1, 1) = 5 \cdot 31^{12} + 6 \cdot 31^{13} + 10 \cdot 31^{14} + 12 \cdot 31^{15} + 5 \cdot 31^{16} + 9 \cdot 31^{17} + 21 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 3) = 3 \cdot 31^{12} + 25 \cdot 31^{14} + 22 \cdot 31^{15} + 18 \cdot 31^{16} + 6 \cdot 31^{17} + 11 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 2, 1) = 27 \cdot 31^{12} + 24 \cdot 31^{13} + 15 \cdot 31^{14} + 8 \cdot 31^{15} + 24 \cdot 31^{17} + 7 \cdot 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 1, 2) = 9 \cdot 31^{13} + 15 \cdot 31^{14} + 14 \cdot 31^{15} + 18 \cdot 31^{16} + 17 \cdot 31^{17} + 13 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 27 \cdot 31^{12} + 22 \cdot 31^{13} + 28 \cdot 31^{14} + 10 \cdot 31^{15} + 11 \cdot 31^{16} + 11 \cdot 31^{17} + 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 4) = 27 \cdot 31^{12} + 9 \cdot 31^{13} + 12 \cdot 31^{14} + 14 \cdot 31^{15} + 7 \cdot 31^{16} + 20 \cdot 31^{17} + 8 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 3, 1) = 12 \cdot 31^{12} + 13 \cdot 31^{13} + 11 \cdot 31^{14} + 2 \cdot 31^{15} + 12 \cdot 31^{16} + 3 \cdot 31^{17} + 3 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 2, 2) = 22 \cdot 31^{12} + 16 \cdot 31^{13} + 21 \cdot 31^{14} + 16 \cdot 31^{15} + 6 \cdot 31^{16} + 5 \cdot 31^{17} + 4 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 27 \cdot 31^{12} + 22 \cdot 31^{13} + 28 \cdot 31^{14} + 10 \cdot 31^{15} + 11 \cdot 31^{16} + 11 \cdot 31^{17} + 31^{18} + 9 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1, 3) = 11 \cdot 31^{12} + 6 \cdot 31^{13} + 11 \cdot 31^{14} + 25 \cdot 31^{15} + 28 \cdot 31^{16} + 9 \cdot 31^{17} + 19 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 23 \cdot 31^{12} + 14 \cdot 31^{13} + 27 \cdot 31^{14} + 11 \cdot 31^{15} + 23 \cdot 31^{16} + 17 \cdot 31^{17} + 15 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 7) = 17 \cdot 31^{12} + 2 \cdot 31^{13} + 16 \cdot 31^{14} + 6 \cdot 31^{15} + 24 \cdot 31^{16} + 16 \cdot 31^{17} + 8 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 6, 1) = 11 \cdot 31^{12} + 7 \cdot 31^{13} + 12 \cdot 31^{14} + 30 \cdot 31^{15} + 5 \cdot 31^{16} + 26 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 5, 2) = 27 \cdot 31^{12} + 16 \cdot 31^{13} + 17 \cdot 31^{14} + 13 \cdot 31^{15} + 13 \cdot 31^{16} + 17 \cdot 31^{17} + 13 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 5, 1, 1) = 17 \cdot 31^{12} + 30 \cdot 31^{13} + 17 \cdot 31^{14} + 2 \cdot 31^{15} + 14 \cdot 31^{16} + 8 \cdot 31^{17} + 4 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 3) = 21 \cdot 31^{12} + 17 \cdot 31^{13} + 4 \cdot 31^{14} + 13 \cdot 31^{15} + 25 \cdot 31^{16} + 12 \cdot 31^{17} + 15 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 2, 1) = 5 \cdot 31^{12} + 31^{13} + 21 \cdot 31^{14} + 26 \cdot 31^{15} + 15 \cdot 31^{16} + 5 \cdot 31^{17} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 1, 2) = 15 \cdot 31^{12} + 21 \cdot 31^{13} + 14 \cdot 31^{14} + 16 \cdot 31^{15} + 26 \cdot 31^{16} + 14 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 8 \cdot 31^{12} + 6 \cdot 31^{13} + 26 \cdot 31^{14} + 2 \cdot 31^{15} + 5 \cdot 31^{16} + 8 \cdot 31^{17} + 24 \cdot 31^{18} + 5 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 4) = 28 \cdot 31^{12} + 8 \cdot 31^{13} + 14 \cdot 31^{14} + 29 \cdot 31^{15} + 26 \cdot 31^{16} + 18 \cdot 31^{17} + 14 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 3, 1) = 27 \cdot 31^{12} + 29 \cdot 31^{13} + 11 \cdot 31^{14} + 11 \cdot 31^{15} + 18 \cdot 31^{16} + 6 \cdot 31^{17} + 6 \cdot 31^{18} + 12 \cdot 31^{19} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 2, 2) = 26 \cdot 31^{12} + 12 \cdot 31^{13} + 13 \cdot 31^{14} + 6 \cdot 31^{15} + 11 \cdot 31^{16} + 20 \cdot 31^{17} + 3 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 3 \cdot 31^{12} + 16 \cdot 31^{13} + 20 \cdot 31^{14} + 19 \cdot 31^{15} + 8 \cdot 31^{16} + 2 \cdot 31^{17} + 2 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 3) = 12 \cdot 31^{12} + 24 \cdot 31^{13} + 4 \cdot 31^{14} + 30 \cdot 31^{15} + 19 \cdot 31^{16} + 20 \cdot 31^{17} + 5 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 28 \cdot 31^{12} + 12 \cdot 31^{13} + 8 \cdot 31^{15} + 18 \cdot 31^{16} + 25 \cdot 31^{17} + 18 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 2 \cdot 31^{12} + 31^{13} + 10 \cdot 31^{14} + 7 \cdot 31^{15} + 10 \cdot 31^{16} + 15 \cdot 31^{17} + 7 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 30 \cdot 31^{12} + 17 \cdot 31^{13} + 27 \cdot 31^{14} + 26 \cdot 31^{15} + 18 \cdot 31^{16} + 27 \cdot 31^{17} + 5 \cdot 31^{18} + 17 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 5) = 19 \cdot 31^{13} + 26 \cdot 31^{14} + 12 \cdot 31^{15} + 30 \cdot 31^{16} + 5 \cdot 31^{17} + 11 \cdot 31^{18} + 11 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 4, 1) = 2 \cdot 31^{12} + 7 \cdot 31^{13} + 23 \cdot 31^{14} + 26 \cdot 31^{15} + 10 \cdot 31^{16} + 11 \cdot 31^{17} + 6 \cdot 31^{18} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 3, 2) = 30 \cdot 31^{13} + 14 \cdot 31^{14} + 5 \cdot 31^{15} + 18 \cdot 31^{17} + 29 \cdot 31^{18} + 26 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 24 \cdot 31^{12} + 7 \cdot 31^{13} + 22 \cdot 31^{14} + 15 \cdot 31^{15} + 19 \cdot 31^{16} + 9 \cdot 31^{17} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 3) = 27 \cdot 31^{12} + 10 \cdot 31^{13} + 15 \cdot 31^{14} + 7 \cdot 31^{15} + 5 \cdot 31^{16} + 30 \cdot 31^{17} + 28 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 24 \cdot 31^{12} + 11 \cdot 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{16} + 19 \cdot 31^{17} + 5 \cdot 31^{18} + 29 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 28 \cdot 31^{12} + 26 \cdot 31^{13} + 5 \cdot 31^{14} + 22 \cdot 31^{15} + 29 \cdot 31^{16} + 8 \cdot 31^{17} + 17 \cdot 31^{18} + 25 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 18 \cdot 31^{12} + 12 \cdot 31^{13} + 28 \cdot 31^{14} + 10 \cdot 31^{15} + 30 \cdot 31^{16} + 23 \cdot 31^{17} + 12 \cdot 31^{18} + 24 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 4) = 28 \cdot 31^{12} + 2 \cdot 31^{13} + 30 \cdot 31^{14} + 12 \cdot 31^{15} + 17 \cdot 31^{16} + 21 \cdot 31^{17} + 20 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 24 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 3 \cdot 31^{15} + 23 \cdot 31^{16} + 6 \cdot 31^{17} + 26 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 28 \cdot 31^{14} + 6 \cdot 31^{16} + 8 \cdot 31^{17} + 28 \cdot 31^{18} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 4 \cdot 31^{12} + 8 \cdot 31^{13} + 2 \cdot 31^{14} + 20 \cdot 31^{15} + 19 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 18 \cdot 31^{12} + 16 \cdot 31^{13} + 2 \cdot 31^{14} + 16 \cdot 31^{15} + 3 \cdot 31^{16} + 28 \cdot 31^{17} + 16 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 17 \cdot 31^{12} + 13 \cdot 31^{13} + 13 \cdot 31^{14} + 19 \cdot 31^{15} + 11 \cdot 31^{16} + 15 \cdot 31^{17} + 30 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 22 \cdot 31^{12} + 2 \cdot 31^{13} + 16 \cdot 31^{14} + 13 \cdot 31^{15} + 6 \cdot 31^{16} + 2 \cdot 31^{17} + 18 \cdot 31^{18} + 2 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 6) = 23 \cdot 31^{12} + 7 \cdot 31^{13} + 20 \cdot 31^{14} + 25 \cdot 31^{15} + 20 \cdot 31^{16} + 18 \cdot 31^{17} + 10 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 5, 1) = 8 \cdot 31^{12} + 21 \cdot 31^{13} + 26 \cdot 31^{14} + 29 \cdot 31^{15} + 24 \cdot 31^{16} + 20 \cdot 31^{17} + 14 \cdot 31^{18} + 15 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 4, 2) = 9 \cdot 31^{12} + 5 \cdot 31^{13} + 24 \cdot 31^{14} + 20 \cdot 31^{15} + 10 \cdot 31^{16} + 29 \cdot 31^{17} + 11 \cdot 31^{18} + 27 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 6 \cdot 31^{12} + 7 \cdot 31^{13} + 9 \cdot 31^{14} + 20 \cdot 31^{15} + 2 \cdot 31^{16} + 8 \cdot 31^{17} + 20 \cdot 31^{18} + 20 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 3) = 25 \cdot 31^{12} + 20 \cdot 31^{13} + 31^{14} + 31^{15} + 7 \cdot 31^{16} + 30 \cdot 31^{17} + 14 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 31^{12} + 21 \cdot 31^{13} + 20 \cdot 31^{14} + 9 \cdot 31^{15} + 8 \cdot 31^{16} + 20 \cdot 31^{17} + 28 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 16 \cdot 31^{13} + 12 \cdot 31^{14} + 31^{15} + 2 \cdot 31^{16} + 15 \cdot 31^{17} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 29 \cdot 31^{12} + 18 \cdot 31^{13} + 15 \cdot 31^{14} + 18 \cdot 31^{15} + 2 \cdot 31^{16} + 25 \cdot 31^{17} + 25 \cdot 31^{18} + 8 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 4) = 10 \cdot 31^{12} + 23 \cdot 31^{13} + 14 \cdot 31^{14} + 30 \cdot 31^{15} + 5 \cdot 31^{16} + 25 \cdot 31^{17} + 15 \cdot 31^{18} + 28 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 5 \cdot 31^{12} + 7 \cdot 31^{13} + 19 \cdot 31^{14} + 7 \cdot 31^{15} + 8 \cdot 31^{16} + 10 \cdot 31^{17} + 9 \cdot 31^{18} + 6 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 24 \cdot 31^{12} + 12 \cdot 31^{13} + 21 \cdot 31^{14} + 28 \cdot 31^{15} + 27 \cdot 31^{16} + 18 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 10 \cdot 31^{13} + 9 \cdot 31^{14} + 7 \cdot 31^{15} + 21 \cdot 31^{16} + 10 \cdot 31^{17} + 30 \cdot 31^{18} + O(31^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1, 3) = 11 \cdot 31^{12} + 18 \cdot 31^{13} + 27 \cdot 31^{14} + 27 \cdot 31^{15} + 20 \cdot 31^{16} + 25 \cdot 31^{17} + 24 \cdot 31^{18} + 4 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 27 \cdot 31^{12} + 22 \cdot 31^{13} + 15 \cdot 31^{14} + 12 \cdot 31^{15} + 20 \cdot 31^{16} + 27 \cdot 31^{17} + 13 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 16 \cdot 31^{12} + 27 \cdot 31^{13} + 19 \cdot 31^{14} + 11 \cdot 31^{15} + 12 \cdot 31^{16} + 5 \cdot 31^{17} + 25 \cdot 31^{18} + 7 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 5) = 9 \cdot 31^{12} + 18 \cdot 31^{13} + 22 \cdot 31^{14} + 20 \cdot 31^{15} + 31^{16} + 10 \cdot 31^{17} + 8 \cdot 31^{18} + 21 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 4, 1) = 21 \cdot 31^{12} + 25 \cdot 31^{13} + 19 \cdot 31^{14} + 27 \cdot 31^{15} + 8 \cdot 31^{16} + 21 \cdot 31^{17} + 5 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 3, 2) = 24 \cdot 31^{12} + 22 \cdot 31^{13} + 18 \cdot 31^{14} + 2 \cdot 31^{15} + 22 \cdot 31^{16} + 10 \cdot 31^{17} + 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 24 \cdot 31^{12} + 18 \cdot 31^{13} + 4 \cdot 31^{14} + 23 \cdot 31^{15} + 15 \cdot 31^{16} + 12 \cdot 31^{17} + 21 \cdot 31^{18} + 23 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2, 3) = 13 \cdot 31^{12} + 8 \cdot 31^{13} + 11 \cdot 31^{14} + 23 \cdot 31^{15} + 5 \cdot 31^{16} + 13 \cdot 31^{17} + 5 \cdot 31^{18} + 22 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 31^{12} + 15 \cdot 31^{13} + 31^{14} + 26 \cdot 31^{15} + 12 \cdot 31^{16} + 21 \cdot 31^{17} + 27 \cdot 31^{18} + 30 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 10 \cdot 31^{12} + 2 \cdot 31^{13} + 6 \cdot 31^{14} + 21 \cdot 31^{15} + 27 \cdot 31^{16} + 13 \cdot 31^{17} + 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 4) = 28 \cdot 31^{12} + 10 \cdot 31^{13} + 31^{14} + 25 \cdot 31^{15} + 2 \cdot 31^{16} + 19 \cdot 31^{17} + 29 \cdot 31^{18} + 19 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 29 \cdot 31^{12} + 7 \cdot 31^{13} + 2 \cdot 31^{14} + 16 \cdot 31^{15} + 29 \cdot 31^{16} + 18 \cdot 31^{17} + 26 \cdot 31^{18} + 18 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 31^{12} + 31^{13} + 26 \cdot 31^{14} + 26 \cdot 31^{15} + 26 \cdot 31^{16} + 4 \cdot 31^{17} + 7 \cdot 31^{18} + 3 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 18 \cdot 31^{12} + 14 \cdot 31^{13} + 6 \cdot 31^{14} + 11 \cdot 31^{15} + 25 \cdot 31^{16} + 3 \cdot 31^{17} + 12 \cdot 31^{18} + 16 \cdot 31^{19} + O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(31^{20}) \\
\zeta_{31}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{31}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(31^{20})
\end{aligned}$$

12.  $p = 37$  CASE

## 12.1. weight 0 case.

$$\zeta_{37}([\emptyset]) = \zeta_{37}() = 1 + O(37^{20})$$

## 12.2. weight 1 case.

$$\zeta_{37}([1]) = \zeta_{37}(1) = O(37^{20})$$

## 12.3. weight 2 case.

$$\zeta_{37}([1, 0]) = \zeta_{37}(2) = O(37^{20})$$

$$\zeta_{37}([1, 1]) = \zeta_{37}(1, 1) = O(37^{20})$$

## 12.4. weight 3 case.

$$\zeta_{37}([1, 0, 0]) = \zeta_{37}(3) = 24 \cdot 37^3 + 31 \cdot 37^4 + 35 \cdot 37^5 + 13 \cdot 37^6 + 20 \cdot 37^8 + 36 \cdot 37^9 + 7 \cdot 37^{10} + 7 \cdot 37^{11} + 19 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 21 \cdot 37^{15} + 4 \cdot 37^{16} + 28 \cdot 37^{17} + 18 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 1]) = \zeta_{37}(2, 1) = 26 \cdot 37^3 + 10 \cdot 37^4 + 2 \cdot 37^5 + 9 \cdot 37^6 + 36 \cdot 37^7 + 33 \cdot 37^8 + 21 \cdot 37^{10} + 22 \cdot 37^{11} + 35 \cdot 37^{12} + 21 \cdot 37^{13} + 2 \cdot 37^{14} + 31 \cdot 37^{15} + 27 \cdot 37^{16} + 17 \cdot 37^{17} + 36 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 1, 0]) = \zeta_{37}(1, 2) = 24 \cdot 37^3 + 31 \cdot 37^4 + 35 \cdot 37^5 + 13 \cdot 37^6 + 20 \cdot 37^8 + 36 \cdot 37^9 + 7 \cdot 37^{10} + 7 \cdot 37^{11} + 19 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 21 \cdot 37^{15} + 4 \cdot 37^{16} + 28 \cdot 37^{17} + 18 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 1, 1]) = \zeta_{37}(1, 1, 1) = O(37^{20})$$

## 12.5. weight 4 case.

$$\zeta_{37}([1, 0, 0, 0]) = \zeta_{37}(4) = O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 1]) = \zeta_{37}(3, 1) = O(37^{20})$$

$$\zeta_{37}([1, 0, 1, 0]) = \zeta_{37}(2, 2) = O(37^{20})$$

$$\zeta_{37}([1, 0, 1, 1]) = \zeta_{37}(2, 1, 1) = O(37^{20})$$

$$\zeta_{37}([1, 1, 0, 0]) = \zeta_{37}(1, 3) = O(37^{20})$$

$$\zeta_{37}([1, 1, 0, 1]) = \zeta_{37}(1, 2, 1) = O(37^{20})$$

$$\zeta_{37}([1, 1, 1, 0]) = \zeta_{37}(1, 1, 2) = O(37^{20})$$

$$\zeta_{37}([1, 1, 1, 1]) = \zeta_{37}(1, 1, 1, 1) = O(37^{20})$$



$$\begin{aligned}
& \zeta_{37}([1, 0, 1, 1, 1, 1]) = \zeta_{37}(2, 1, 1, 1, 1) = O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 0, 0, 0]) = \zeta_{37}(1, 5) = 8 \cdot 37^6 + 25 \cdot 37^7 + 9 \cdot 37^8 + 28 \cdot 37^9 + 18 \cdot 37^{10} + 35 \cdot 37^{11} + 14 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 22 \cdot 37^{15} + 18 \cdot 37^{16} + 27 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 0, 0, 1]) = \zeta_{37}(1, 4, 1) = 13 \cdot 37^6 + 35 \cdot 37^7 + 7 \cdot 37^8 + 26 \cdot 37^9 + 17 \cdot 37^{10} + 4 \cdot 37^{11} + 29 \cdot 37^{12} + 31 \cdot 37^{13} + 14 \cdot 37^{14} + 6 \cdot 37^{15} + 18 \cdot 37^{16} + 28 \cdot 37^{17} + 20 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 0, 1, 0]) = \zeta_{37}(1, 3, 2) = 24 \cdot 37^6 + 37^7 + 29 \cdot 37^8 + 10 \cdot 37^9 + 19 \cdot 37^{10} + 32 \cdot 37^{11} + 7 \cdot 37^{12} + 5 \cdot 37^{13} + 22 \cdot 37^{14} + 30 \cdot 37^{15} + 18 \cdot 37^{16} + 8 \cdot 37^{17} + 16 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 0, 1, 1]) = \zeta_{37}(1, 3, 1, 1) = 29 \cdot 37^6 + 11 \cdot 37^7 + 27 \cdot 37^8 + 8 \cdot 37^9 + 18 \cdot 37^{10} + 37^{11} + 22 \cdot 37^{12} + 10 \cdot 37^{13} + 17 \cdot 37^{14} + 14 \cdot 37^{15} + 18 \cdot 37^{16} + 9 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 1, 0, 0]) = \zeta_{37}(1, 2, 3) = 26 \cdot 37^6 + 33 \cdot 37^7 + 15 \cdot 37^8 + 15 \cdot 37^9 + 35 \cdot 37^{10} + 8 \cdot 37^{11} + 21 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 19 \cdot 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 1, 0, 1]) = \zeta_{37}(1, 2, 2, 1) = 27 \cdot 37^6 + 16 \cdot 37^7 + 3 \cdot 37^8 + 4 \cdot 37^9 + 2 \cdot 37^{10} + 25 \cdot 37^{11} + 8 \cdot 37^{12} + 26 \cdot 37^{13} + 9 \cdot 37^{14} + 32 \cdot 37^{15} + 35 \cdot 37^{17} + 30 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 1, 1, 0]) = \zeta_{37}(1, 2, 1, 2) = 29 \cdot 37^6 + 11 \cdot 37^7 + 27 \cdot 37^8 + 8 \cdot 37^9 + 18 \cdot 37^{10} + 37^{11} + 22 \cdot 37^{12} + 10 \cdot 37^{13} + 17 \cdot 37^{14} + 14 \cdot 37^{15} + 18 \cdot 37^{16} + 9 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 0, 1, 1, 1]) = \zeta_{37}(1, 2, 1, 1, 1) = O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 0, 0, 0]) = \zeta_{37}(1, 1, 4) = 16 \cdot 37^6 + 13 \cdot 37^7 + 19 \cdot 37^8 + 19 \cdot 37^9 + 34 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 18 \cdot 37^{17} + 35 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 0, 0, 1]) = \zeta_{37}(1, 1, 3, 1) = 21 \cdot 37^6 + 23 \cdot 37^7 + 17 \cdot 37^8 + 17 \cdot 37^9 + 36 \cdot 37^{10} + 2 \cdot 37^{11} + 7 \cdot 37^{12} + 21 \cdot 37^{13} + 34 \cdot 37^{14} + 28 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 0, 1, 0]) = \zeta_{37}(1, 1, 2, 2) = 21 \cdot 37^6 + 23 \cdot 37^7 + 17 \cdot 37^8 + 17 \cdot 37^9 + 36 \cdot 37^{10} + 2 \cdot 37^{11} + 7 \cdot 37^{12} + 21 \cdot 37^{13} + 34 \cdot 37^{14} + 28 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 0, 1, 1]) = \zeta_{37}(1, 1, 2, 1, 1) = O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 1, 0, 0]) = \zeta_{37}(1, 1, 1, 3) = 8 \cdot 37^6 + 25 \cdot 37^7 + 9 \cdot 37^8 + 28 \cdot 37^9 + 18 \cdot 37^{10} + 35 \cdot 37^{11} + 14 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 22 \cdot 37^{15} + 18 \cdot 37^{16} + 27 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 1, 0, 1]) = \zeta_{37}(1, 1, 1, 2, 1) = O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 1, 1, 0]) = \zeta_{37}(1, 1, 1, 1, 2) = O(37^{20}) \\
& \zeta_{37}([1, 1, 1, 1, 1, 1]) = \zeta_{37}(1, 1, 1, 1, 1, 1) = O(37^{20})
\end{aligned}$$

### 12.8. weight 7 case.

$$\begin{aligned}
& \zeta_{37}([1, 0, 0, 0, 0, 0, 0]) = \zeta_{37}(7) = 5 \cdot 37^7 + 4 \cdot 37^8 + 27 \cdot 37^9 + 3 \cdot 37^{10} + 16 \cdot 37^{11} + 7 \cdot 37^{12} + 17 \cdot 37^{13} + 8 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 33 \cdot 37^{17} + 34 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 0, 0, 1]) = \zeta_{37}(6, 1) = 17 \cdot 37^7 + 20 \cdot 37^8 + 2 \cdot 37^9 + 22 \cdot 37^{10} + 9 \cdot 37^{11} + 7 \cdot 37^{12} + 5 \cdot 37^{13} + 3 \cdot 37^{14} + 5 \cdot 37^{15} + 36 \cdot 37^{16} + 14 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 0, 1, 0]) = \zeta_{37}(5, 2) = 13 \cdot 37^7 + 4 \cdot 37^8 + 12 \cdot 37^9 + 13 \cdot 37^{11} + 24 \cdot 37^{13} + 10 \cdot 37^{14} + 24 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 15 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 0, 1, 1]) = \zeta_{37}(5, 1, 1) = 27 \cdot 37^7 + 28 \cdot 37^8 + 19 \cdot 37^9 + 29 \cdot 37^{10} + 4 \cdot 37^{11} + 22 \cdot 37^{12} + 2 \cdot 37^{13} + 20 \cdot 37^{14} + 2 \cdot 37^{15} + 18 \cdot 37^{16} + 7 \cdot 37^{17} + 4 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 1, 0, 0]) = \zeta_{37}(4, 3) = 21 \cdot 37^7 + 36 \cdot 37^8 + 29 \cdot 37^9 + 6 \cdot 37^{10} + 6 \cdot 37^{11} + 14 \cdot 37^{12} + 23 \cdot 37^{13} + 32 \cdot 37^{14} + 22 \cdot 37^{15} + 14 \cdot 37^{16} + 30 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 1, 0, 1]) = \zeta_{37}(4, 2, 1) = 29 \cdot 37^7 + 22 \cdot 37^8 + 6 \cdot 37^{10} + 30 \cdot 37^{11} + 11 \cdot 37^{12} + 10 \cdot 37^{13} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 14 \cdot 37^{16} + 12 \cdot 37^{17} + 10 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 1, 1, 0]) = \zeta_{37}(4, 1, 2) = 15 \cdot 37^7 + 8 \cdot 37^8 + 3 \cdot 37^9 + 33 \cdot 37^{10} + 34 \cdot 37^{11} + 28 \cdot 37^{12} + 24 \cdot 37^{13} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 30 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 0, 1, 1, 1]) = \zeta_{37}(4, 1, 1, 1) = 33 \cdot 37^7 + 37^8 + 28 \cdot 37^9 + 27 \cdot 37^{10} + 26 \cdot 37^{11} + 18 \cdot 37^{12} + 28 \cdot 37^{13} + 4 \cdot 37^{14} + 12 \cdot 37^{15} + 30 \cdot 37^{16} + 27 \cdot 37^{17} + 2 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 0, 0, 0]) = \zeta_{37}(3, 4) = 11 \cdot 37^7 + 33 \cdot 37^8 + 16 \cdot 37^9 + 26 \cdot 37^{10} + 14 \cdot 37^{11} + 15 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 33 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 0, 0, 1]) = \zeta_{37}(3, 3, 1) = 19 \cdot 37^7 + 24 \cdot 37^8 + 30 \cdot 37^9 + 17 \cdot 37^{10} + 31 \cdot 37^{11} + 35 \cdot 37^{12} + 5 \cdot 37^{13} + 6 \cdot 37^{14} + 37^{15} + 9 \cdot 37^{16} + 19 \cdot 37^{17} + 36 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 0, 1, 0]) = \zeta_{37}(3, 2, 2) = 27 \cdot 37^7 + 5 \cdot 37^8 + 34 \cdot 37^9 + 26 \cdot 37^{10} + 14 \cdot 37^{11} + 17 \cdot 37^{12} + 22 \cdot 37^{13} + 5 \cdot 37^{14} + 37^{15} + 29 \cdot 37^{16} + 28 \cdot 37^{17} + 12 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 0, 1, 1]) = \zeta_{37}(3, 2, 1, 1) = 31 \cdot 37^7 + 16 \cdot 37^8 + 18 \cdot 37^9 + 19 \cdot 37^{10} + 18 \cdot 37^{11} + 37^{12} + 18 \cdot 37^{13} + 4 \cdot 37^{14} + 23 \cdot 37^{15} + 11 \cdot 37^{16} + 17 \cdot 37^{17} + 16 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 1, 0, 0]) = \zeta_{37}(3, 1, 3) = 8 \cdot 37^7 + 8 \cdot 37^8 + 30 \cdot 37^9 + 26 \cdot 37^{10} + 23 \cdot 37^{11} + 16 \cdot 37^{12} + 23 \cdot 37^{13} + 25 \cdot 37^{14} + 32 \cdot 37^{15} + 6 \cdot 37^{16} + 10 \cdot 37^{17} + 28 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 1, 0, 1]) = \zeta_{37}(3, 1, 2, 1) = 23 \cdot 37^7 + 26 \cdot 37^8 + 6 \cdot 37^9 + 5 \cdot 37^{10} + 18 \cdot 37^{11} + 10 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 13 \cdot 37^{16} + 13 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
& \zeta_{37}([1, 0, 0, 1, 1, 1, 0]) = \zeta_{37}(3, 1, 1, 2) = 15 \cdot 37^7 + 8 \cdot 37^8 + 3 \cdot 37^9 + 33 \cdot 37^{10} + 34 \cdot 37^{11} + 28 \cdot 37^{12} + 24 \cdot 37^{13} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 30 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 1) = 33 \cdot 37^7 + 37^8 + 28 \cdot 37^9 + 27 \cdot 37^{10} + 26 \cdot 37^{11} + 18 \cdot 37^{12} + 28 \cdot 37^{13} + 4 \cdot 37^{14} + 12 \cdot 37^{15} + 30 \cdot 37^{16} + 27 \cdot 37^{17} + 2 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 2) = 17 \cdot 37^7 + 16 \cdot 37^8 + 35 \cdot 37^9 + 6 \cdot 37^{10} + 33 \cdot 37^{11} + 13 \cdot 37^{12} + 15 \cdot 37^{13} + 28 \cdot 37^{14} + 10 \cdot 37^{15} + 37^{16} + 30 \cdot 37^{17} + 21 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1) = 15 \cdot 37^7 + 12 \cdot 37^8 + 7 \cdot 37^9 + 11 \cdot 37^{10} + 11 \cdot 37^{11} + 22 \cdot 37^{12} + 14 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 28 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 3) = 35 \cdot 37^7 + 9 \cdot 37^8 + 23 \cdot 37^9 + 37^{10} + 25 \cdot 37^{11} + 3 \cdot 37^{12} + 19 \cdot 37^{13} + 19 \cdot 37^{14} + 2 \cdot 37^{15} + 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1) = 13 \cdot 37^7 + 4 \cdot 37^8 + 12 \cdot 37^9 + 13 \cdot 37^{11} + 24 \cdot 37^{13} + 10 \cdot 37^{14} + 24 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 15 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2) = 11 \cdot 37^7 + 33 \cdot 37^8 + 16 \cdot 37^9 + 26 \cdot 37^{10} + 14 \cdot 37^{11} + 15 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 33 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1) = 11 \cdot 37^7 + 28 \cdot 37^8 + 12 \cdot 37^9 + 36 \cdot 37^{10} + 10 \cdot 37^{11} + 36 \cdot 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 5 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 4) = 25 \cdot 37^7 + 20 \cdot 37^8 + 24 \cdot 37^9 + 18 \cdot 37^{10} + 6 \cdot 37^{11} + 12 \cdot 37^{13} + 5 \cdot 37^{14} + 12 \cdot 37^{15} + 10 \cdot 37^{16} + 18 \cdot 37^{17} + 26 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1) = 17 \cdot 37^7 + 20 \cdot 37^8 + 2 \cdot 37^9 + 22 \cdot 37^{10} + 9 \cdot 37^{11} + 7 \cdot 37^{12} + 5 \cdot 37^{13} + 3 \cdot 37^{14} + 5 \cdot 37^{15} + 36 \cdot 37^{16} + 14 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2) = 19 \cdot 37^7 + 28 \cdot 37^8 + 34 \cdot 37^9 + 32 \cdot 37^{10} + 7 \cdot 37^{11} + 29 \cdot 37^{12} + 32 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 6 \cdot 37^{16} + 4 \cdot 37^{17} + 23 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1) = 37^7 + 25 \cdot 37^8 + 36 \cdot 37^9 + 18 \cdot 37^{10} + 19 \cdot 37^{11} + 36 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 30 \cdot 37^{16} + 17 \cdot 37^{17} + 5 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3) = 15 \cdot 37^7 + 12 \cdot 37^8 + 7 \cdot 37^9 + 11 \cdot 37^{10} + 11 \cdot 37^{11} + 22 \cdot 37^{12} + 14 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 28 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1) = 7 \cdot 37^7 + 12 \cdot 37^8 + 22 \cdot 37^9 + 14 \cdot 37^{10} + 14 \cdot 37^{11} + 29 \cdot 37^{12} + 7 \cdot 37^{13} + 23 \cdot 37^{14} + 7 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 12 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2) = 5 \cdot 37^7 + 4 \cdot 37^8 + 27 \cdot 37^9 + 3 \cdot 37^{10} + 16 \cdot 37^{11} + 7 \cdot 37^{12} + 17 \cdot 37^{13} + 8 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 33 \cdot 37^{17} + 34 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1) = O(37^{20})
\end{aligned}$$

## 12.9. weight 8 case.

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(8) = O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(7, 1) = 37^9 + 25 \cdot 37^{10} + 33 \cdot 37^{11} + 10 \cdot 37^{12} + 27 \cdot 37^{13} + 25 \cdot 37^{14} + 5 \cdot 37^{15} + 28 \cdot 37^{16} + 29 \cdot 37^{17} + 21 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(6, 2) = 7 \cdot 37^8 + 37^9 + 24 \cdot 37^{10} + 28 \cdot 37^{11} + 34 \cdot 37^{12} + 32 \cdot 37^{13} + 14 \cdot 37^{14} + 14 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(6, 1, 1) = 30 \cdot 37^8 + 31 \cdot 37^9 + 23 \cdot 37^{10} + 21 \cdot 37^{11} + 32 \cdot 37^{12} + 5 \cdot 37^{13} + 30 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 14 \cdot 37^{17} + 16 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(5, 3) = 37^8 + 30 \cdot 37^9 + 24 \cdot 37^{10} + 15 \cdot 37^{11} + 17 \cdot 37^{12} + 30 \cdot 37^{13} + 7 \cdot 37^{14} + 15 \cdot 37^{15} + 14 \cdot 37^{16} + 30 \cdot 37^{17} + 23 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(5, 2, 1) = 33 \cdot 37^8 + 24 \cdot 37^9 + 7 \cdot 37^{10} + 3 \cdot 37^{11} + 12 \cdot 37^{12} + 8 \cdot 37^{13} + 23 \cdot 37^{14} + 23 \cdot 37^{15} + 31 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(5, 1, 2) = 36 \cdot 37^8 + 31 \cdot 37^9 + 26 \cdot 37^{10} + 36 \cdot 37^{11} + 34 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 21 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 6 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(5, 1, 1, 1) = 4 \cdot 37^8 + 31 \cdot 37^9 + 4 \cdot 37^{10} + 32 \cdot 37^{11} + 11 \cdot 37^{12} + 5 \cdot 37^{13} + 8 \cdot 37^{14} + 16 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 5 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 4) = O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 3, 1) = 16 \cdot 37^8 + 35 \cdot 37^9 + 17 \cdot 37^{10} + 36 \cdot 37^{11} + 24 \cdot 37^{12} + 2 \cdot 37^{13} + 23 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 20 \cdot 37^{17} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 2, 2) = 17 \cdot 37^8 + 10 \cdot 37^9 + 33 \cdot 37^{10} + 19 \cdot 37^{11} + 34 \cdot 37^{12} + 12 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 29 \cdot 37^{17} + 22 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 2, 1, 1) = 33 \cdot 37^8 + 27 \cdot 37^9 + 8 \cdot 37^{10} + 30 \cdot 37^{11} + 7 \cdot 37^{12} + 16 \cdot 37^{13} + 26 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 23 \cdot 37^{17} + 33 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 3) = 13 \cdot 37^9 + 10 \cdot 37^{10} + 18 \cdot 37^{11} + 32 \cdot 37^{12} + 34 \cdot 37^{13} + 24 \cdot 37^{14} + 5 \cdot 37^{15} + 30 \cdot 37^{16} + 2 \cdot 37^{17} + 28 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 2, 1) = 7 \cdot 37^8 + 28 \cdot 37^9 + 29 \cdot 37^{10} + 6 \cdot 37^{11} + 3 \cdot 37^{12} + 9 \cdot 37^{13} + 22 \cdot 37^{15} + 11 \cdot 37^{16} + 9 \cdot 37^{17} + 29 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 2) = 34 \cdot 37^8 + 32 \cdot 37^9 + 3 \cdot 37^{10} + 24 \cdot 37^{11} + 4 \cdot 37^{12} + 14 \cdot 37^{13} + 26 \cdot 37^{14} + 22 \cdot 37^{15} + 35 \cdot 37^{16} + 6 \cdot 37^{17} + 5 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 1) = 4 \cdot 37^8 + 30 \cdot 37^9 + 16 \cdot 37^{10} + 35 \cdot 37^{11} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 10 \cdot 37^{15} + 28 \cdot 37^{16} + 32 \cdot 37^{17} + 20 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 5) = 36 \cdot 37^8 + 7 \cdot 37^9 + 18 \cdot 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 17 \cdot 37^{14} + 27 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 34 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 4, 1) = 21 \cdot 37^8 + 21 \cdot 37^9 + 19 \cdot 37^{10} + 32 \cdot 37^{11} + 9 \cdot 37^{12} + 37^{13} + 34 \cdot 37^{14} + 30 \cdot 37^{15} + 36 \cdot 37^{16} + 5 \cdot 37^{17} + 29 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 3, 2) = 36 \cdot 37^8 + 24 \cdot 37^9 + 14 \cdot 37^{10} + 29 \cdot 37^{11} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 29 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 3, 1, 1) = 37^8 + 7 \cdot 37^9 + 8 \cdot 37^{10} + 24 \cdot 37^{11} + 18 \cdot 37^{12} + 15 \cdot 37^{13} + 14 \cdot 37^{14} + 30 \cdot 37^{15} + 12 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 3) = 33 \cdot 37^8 + 22 \cdot 37^{10} + 27 \cdot 37^{11} + 27 \cdot 37^{13} + 17 \cdot 37^{14} + 27 \cdot 37^{15} + 4 \cdot 37^{16} + 5 \cdot 37^{17} + 8 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 2, 1) = 13 \cdot 37^8 + 37^9 + 8 \cdot 37^{10} + 31 \cdot 37^{11} + 37^{12} + 2 \cdot 37^{13} + 37^{14} + 5 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 2) = 35 \cdot 37^8 + 12 \cdot 37^9 + 29 \cdot 37^{10} + 21 \cdot 37^{11} + 37^{12} + 29 \cdot 37^{13} + 9 \cdot 37^{14} + 30 \cdot 37^{15} + 25 \cdot 37^{16} + 22 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 1) = 7 \cdot 37^8 + 12 \cdot 37^9 + 3 \cdot 37^{10} + 29 \cdot 37^{11} + 6 \cdot 37^{12} + 2 \cdot 37^{14} + 3 \cdot 37^{15} + 22 \cdot 37^{16} + 8 \cdot 37^{17} + 25 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 4) = 37^8 + 8 \cdot 37^9 + 11 \cdot 37^{10} + 27 \cdot 37^{11} + 34 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 26 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 3, 1) = 18 \cdot 37^9 + 24 \cdot 37^{10} + 37^{11} + 13 \cdot 37^{12} + 23 \cdot 37^{13} + 5 \cdot 37^{14} + 34 \cdot 37^{15} + 22 \cdot 37^{16} + 3 \cdot 37^{17} + 26 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 2) = 37^8 + 11 \cdot 37^9 + 34 \cdot 37^{10} + 10 \cdot 37^{11} + 25 \cdot 37^{12} + 13 \cdot 37^{13} + 6 \cdot 37^{14} + 16 \cdot 37^{15} + 14 \cdot 37^{16} + 14 \cdot 37^{17} + 28 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 1) = 2 \cdot 37^8 + 19 \cdot 37^9 + 8 \cdot 37^{10} + 37^{11} + 23 \cdot 37^{12} + 22 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 33 \cdot 37^{17} + 12 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 3) = 20 \cdot 37^8 + 35 \cdot 37^9 + 2 \cdot 37^{10} + 18 \cdot 37^{11} + 33 \cdot 37^{12} + 26 \cdot 37^{13} + 7 \cdot 37^{14} + 24 \cdot 37^{15} + 31 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 1) = 24 \cdot 37^8 + 20 \cdot 37^9 + 23 \cdot 37^{10} + 18 \cdot 37^{11} + 19 \cdot 37^{12} + 32 \cdot 37^{13} + 19 \cdot 37^{14} + 20 \cdot 37^{15} + 22 \cdot 37^{16} + 15 \cdot 37^{17} + 4 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 2) = 36 \cdot 37^8 + 31 \cdot 37^9 + 26 \cdot 37^{10} + 36 \cdot 37^{11} + 34 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 21 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 6 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1) = 30 \cdot 37^8 + 29 \cdot 37^9 + 10 \cdot 37^{10} + 28 \cdot 37^{11} + 10 \cdot 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 25 \cdot 37^{15} + 7 \cdot 37^{16} + 29 \cdot 37^{17} + 9 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 6) = 30 \cdot 37^8 + 35 \cdot 37^9 + 12 \cdot 37^{10} + 8 \cdot 37^{11} + 2 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 22 \cdot 37^{15} + 28 \cdot 37^{16} + 22 \cdot 37^{17} + 29 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 5, 1) = 4 \cdot 37^8 + 23 \cdot 37^9 + 26 \cdot 37^{10} + 21 \cdot 37^{11} + 35 \cdot 37^{12} + 8 \cdot 37^{13} + 24 \cdot 37^{14} + 7 \cdot 37^{15} + 16 \cdot 37^{16} + 9 \cdot 37^{17} + 16 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 4, 2) = 33 \cdot 37^8 + 14 \cdot 37^9 + 20 \cdot 37^{10} + 5 \cdot 37^{11} + 7 \cdot 37^{12} + 15 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 4, 1, 1) = 28 \cdot 37^8 + 15 \cdot 37^9 + 16 \cdot 37^{10} + 10 \cdot 37^{11} + 5 \cdot 37^{12} + 28 \cdot 37^{13} + 16 \cdot 37^{14} + 5 \cdot 37^{15} + 33 \cdot 37^{16} + 33 \cdot 37^{17} + 31 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 3) = 5 \cdot 37^8 + 10 \cdot 37^9 + 12 \cdot 37^{10} + 20 \cdot 37^{11} + 24 \cdot 37^{12} + 23 \cdot 37^{13} + 25 \cdot 37^{14} + 25 \cdot 37^{15} + 9 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 2, 1) = 11 \cdot 37^9 + 16 \cdot 37^{10} + 9 \cdot 37^{12} + 4 \cdot 37^{13} + 24 \cdot 37^{14} + 25 \cdot 37^{15} + 13 \cdot 37^{16} + 31 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 2) = 37^8 + 11 \cdot 37^9 + 34 \cdot 37^{10} + 10 \cdot 37^{11} + 25 \cdot 37^{12} + 13 \cdot 37^{13} + 6 \cdot 37^{14} + 16 \cdot 37^{15} + 14 \cdot 37^{16} + 14 \cdot 37^{17} + 28 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 1) = 17 \cdot 37^8 + 9 \cdot 37^9 + 8 \cdot 37^{10} + 23 \cdot 37^{11} + 23 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 23 \cdot 37^{15} + 28 \cdot 37^{16} + 36 \cdot 37^{17} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 4) = 24 \cdot 37^8 + 11 \cdot 37^9 + 20 \cdot 37^{10} + 11 \cdot 37^{11} + 32 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 6 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 3, 1) = 24 \cdot 37^8 + 28 \cdot 37^9 + 37^{10} + 29 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 25 \cdot 37^{16} + 31 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 2) = O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 1) = 33 \cdot 37^9 + 10 \cdot 37^{10} + 13 \cdot 37^{11} + 30 \cdot 37^{12} + 37^{13} + 8 \cdot 37^{14} + 14 \cdot 37^{15} + 35 \cdot 37^{16} + 28 \cdot 37^{17} + 23 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 3) = 13 \cdot 37^8 + 12 \cdot 37^9 + 6 \cdot 37^{10} + 7 \cdot 37^{11} + 9 \cdot 37^{12} + 30 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 15 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 1) = 33 \cdot 37^8 + 27 \cdot 37^9 + 11 \cdot 37^{10} + 11 \cdot 37^{11} + 4 \cdot 37^{12} + 26 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 16 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 2) = 17 \cdot 37^8 + 10 \cdot 37^9 + 33 \cdot 37^{10} + 19 \cdot 37^{11} + 34 \cdot 37^{12} + 12 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 29 \cdot 37^{17} + 22 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1) = 8 \cdot 37^9 + 15 \cdot 37^{10} + 10 \cdot 37^{11} + 13 \cdot 37^{12} + 33 \cdot 37^{13} + 20 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 16 \cdot 37^{17} + 26 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 5) = 7 \cdot 37^8 + 24 \cdot 37^9 + 25 \cdot 37^{10} + 13 \cdot 37^{11} + 28 \cdot 37^{12} + 7 \cdot 37^{13} + 37^{14} + 3 \cdot 37^{15} + 24 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 4, 1) = 30 \cdot 37^8 + 11 \cdot 37^{10} + 32 \cdot 37^{11} + 18 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 25 \cdot 37^{16} + 25 \cdot 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 2) = 35 \cdot 37^8 + 3 \cdot 37^9 + 26 \cdot 37^{10} + 14 \cdot 37^{11} + 14 \cdot 37^{12} + 5 \cdot 37^{13} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 13 \cdot 37^{17} + 36 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 1) = 36 \cdot 37^8 + 13 \cdot 37^9 + 2 \cdot 37^{10} + 35 \cdot 37^{11} + 21 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 29 \cdot 37^{17} + 17 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 3) = 37^8 + 35 \cdot 37^9 + 23 \cdot 37^{10} + 29 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 21 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 1) = 4 \cdot 37^8 + 33 \cdot 37^9 + 32 \cdot 37^{10} + 31 \cdot 37^{11} + 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 23 \cdot 37^{15} + 24 \cdot 37^{16} + 30 \cdot 37^{17} + 33 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 2) = 36 \cdot 37^8 + 24 \cdot 37^9 + 14 \cdot 37^{10} + 29 \cdot 37^{11} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 29 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1) = 33 \cdot 37^8 + 2 \cdot 37^9 + 16 \cdot 37^{10} + 8 \cdot 37^{11} + 24 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 7 \cdot 37^{15} + 21 \cdot 37^{16} + 13 \cdot 37^{17} + 18 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 4) = 16 \cdot 37^8 + 24 \cdot 37^9 + 35 \cdot 37^{10} + 17 \cdot 37^{11} + 19 \cdot 37^{12} + 25 \cdot 37^{13} + 19 \cdot 37^{14} + 16 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 3 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 1) = 13 \cdot 37^8 + 13 \cdot 37^9 + 12 \cdot 37^{10} + 28 \cdot 37^{11} + 21 \cdot 37^{12} + 33 \cdot 37^{13} + 13 \cdot 37^{14} + 36 \cdot 37^{15} + 3 \cdot 37^{16} + 6 \cdot 37^{17} + 4 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 2) = 33 \cdot 37^8 + 14 \cdot 37^9 + 20 \cdot 37^{10} + 5 \cdot 37^{11} + 7 \cdot 37^{12} + 15 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1) = 4 \cdot 37^8 + 30 \cdot 37^9 + 31 \cdot 37^{10} + 4 \cdot 37^{11} + 6 \cdot 37^{12} + 18 \cdot 37^{13} + 26 \cdot 37^{14} + 6 \cdot 37^{15} + 14 \cdot 37^{16} + 15 \cdot 37^{17} + 5 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 3) = 34 \cdot 37^8 + 22 \cdot 37^9 + 27 \cdot 37^{10} + 26 \cdot 37^{11} + 11 \cdot 37^{12} + 3 \cdot 37^{13} + 35 \cdot 37^{14} + 35 \cdot 37^{15} + 35 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1) = 8 \cdot 37^9 + 15 \cdot 37^{10} + 10 \cdot 37^{11} + 13 \cdot 37^{12} + 33 \cdot 37^{13} + 20 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 16 \cdot 37^{17} + 26 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2) = 7 \cdot 37^8 + 37^9 + 24 \cdot 37^{10} + 28 \cdot 37^{11} + 34 \cdot 37^{12} + 32 \cdot 37^{13} + 14 \cdot 37^{14} + 14 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 7) = 36 \cdot 37^9 + 11 \cdot 37^{10} + 3 \cdot 37^{11} + 26 \cdot 37^{12} + 9 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 7 \cdot 37^{17} + 15 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 6, 1) = 7 \cdot 37^8 + 8 \cdot 37^9 + 14 \cdot 37^{10} + 5 \cdot 37^{11} + 2 \cdot 37^{13} + 10 \cdot 37^{14} + 17 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 5, 2) = 34 \cdot 37^8 + 22 \cdot 37^9 + 27 \cdot 37^{10} + 26 \cdot 37^{11} + 11 \cdot 37^{12} + 3 \cdot 37^{13} + 35 \cdot 37^{14} + 35 \cdot 37^{15} + 35 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 5, 1, 1) = 2 \cdot 37^9 + 13 \cdot 37^{10} + 30 \cdot 37^{11} + 21 \cdot 37^{12} + 17 \cdot 37^{13} + 14 \cdot 37^{14} + 11 \cdot 37^{15} + 19 \cdot 37^{16} + 22 \cdot 37^{17} + 6 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 3) = 20 \cdot 37^8 + 32 \cdot 37^9 + 20 \cdot 37^{10} + 3 \cdot 37^{11} + 36 \cdot 37^{12} + 5 \cdot 37^{13} + 18 \cdot 37^{14} + 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 18 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 2, 1) = 9 \cdot 37^8 + 30 \cdot 37^9 + 4 \cdot 37^{10} + 21 \cdot 37^{11} + 20 \cdot 37^{12} + 8 \cdot 37^{13} + 16 \cdot 37^{14} + 14 \cdot 37^{15} + 32 \cdot 37^{16} + 34 \cdot 37^{17} + 19 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 2) = 20 \cdot 37^8 + 35 \cdot 37^9 + 2 \cdot 37^{10} + 18 \cdot 37^{11} + 33 \cdot 37^{12} + 26 \cdot 37^{13} + 7 \cdot 37^{14} + 24 \cdot 37^{15} + 31 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 1) = 17 \cdot 37^8 + 21 \cdot 37^9 + 34 \cdot 37^{10} + 13 \cdot 37^{11} + 37^{12} + 14 \cdot 37^{13} + 12 \cdot 37^{14} + 21 \cdot 37^{15} + 10 \cdot 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 4) = 16 \cdot 37^8 + 36 \cdot 37^9 + 5 \cdot 37^{10} + 33 \cdot 37^{11} + 35 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 20 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 25 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 3, 1) = 36 \cdot 37^8 + 33 \cdot 37^9 + 17 \cdot 37^{10} + 36 \cdot 37^{11} + 24 \cdot 37^{12} + 19 \cdot 37^{13} + 14 \cdot 37^{14} + 29 \cdot 37^{15} + 25 \cdot 37^{16} + 37^{17} + 35 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 2) = 13 \cdot 37^8 + 12 \cdot 37^9 + 6 \cdot 37^{10} + 7 \cdot 37^{11} + 9 \cdot 37^{12} + 30 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 15 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 1) = 6 \cdot 37^8 + 20 \cdot 37^9 + 36 \cdot 37^{10} + 3 \cdot 37^{11} + 7 \cdot 37^{12} + 13 \cdot 37^{13} + 13 \cdot 37^{14} + 32 \cdot 37^{15} + 18 \cdot 37^{16} + 13 \cdot 37^{17} + 11 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 3) = O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 1) = 37^8 + 10 \cdot 37^9 + 24 \cdot 37^{10} + 20 \cdot 37^{11} + 19 \cdot 37^{12} + 26 \cdot 37^{13} + 24 \cdot 37^{14} + 6 \cdot 37^{15} + 9 \cdot 37^{16} + 4 \cdot 37^{17} + 28 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 2) = 13 \cdot 37^9 + 10 \cdot 37^{10} + 18 \cdot 37^{11} + 32 \cdot 37^{12} + 34 \cdot 37^{13} + 24 \cdot 37^{14} + 5 \cdot 37^{15} + 30 \cdot 37^{16} + 2 \cdot 37^{17} + 28 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1) = 36 \cdot 37^8 + 13 \cdot 37^9 + 2 \cdot 37^{10} + 35 \cdot 37^{11} + 21 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 29 \cdot 37^{17} + 17 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 5) = 34 \cdot 37^8 + 19 \cdot 37^9 + 8 \cdot 37^{10} + 12 \cdot 37^{11} + 14 \cdot 37^{12} + 19 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 28 \cdot 37^{16} + 23 \cdot 37^{17} + 35 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 4, 1) = 4 \cdot 37^8 + 19 \cdot 37^9 + 35 \cdot 37^{11} + 28 \cdot 37^{12} + 10 \cdot 37^{13} + 32 \cdot 37^{14} + 21 \cdot 37^{15} + 14 \cdot 37^{16} + 37^{17} + 3 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 2) = 37^8 + 35 \cdot 37^9 + 23 \cdot 37^{10} + 29 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 21 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 1) = 31 \cdot 37^8 + 10 \cdot 37^9 + 35 \cdot 37^{10} + 15 \cdot 37^{11} + 37^{12} + 8 \cdot 37^{13} + 17 \cdot 37^{14} + 7 \cdot 37^{15} + 34 \cdot 37^{16} + 29 \cdot 37^{17} + 5 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 3) = 11 \cdot 37^8 + 12 \cdot 37^9 + 24 \cdot 37^{10} + 22 \cdot 37^{11} + 18 \cdot 37^{12} + 13 \cdot 37^{13} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 19 \cdot 37^{17} + 5 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 1) = 17 \cdot 37^9 + 18 \cdot 37^{10} + 17 \cdot 37^{11} + 20 \cdot 37^{13} + 30 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 2) = 33 \cdot 37^8 + 22 \cdot 37^{10} + 27 \cdot 37^{11} + 27 \cdot 37^{13} + 17 \cdot 37^{14} + 27 \cdot 37^{15} + 4 \cdot 37^{16} + 5 \cdot 37^{17} + 8 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1) = 4 \cdot 37^8 + 18 \cdot 37^9 + 27 \cdot 37^{10} + 7 \cdot 37^{11} + 23 \cdot 37^{12} + 23 \cdot 37^{13} + 13 \cdot 37^{14} + 12 \cdot 37^{15} + 9 \cdot 37^{16} + 28 \cdot 37^{17} + 2 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 4) = 17 \cdot 37^8 + 17 \cdot 37^9 + 8 \cdot 37^{10} + 27 \cdot 37^{11} + 31 \cdot 37^{12} + 15 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 8 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 1) = 35 \cdot 37^8 + 4 \cdot 37^9 + 18 \cdot 37^{10} + 17 \cdot 37^{11} + 18 \cdot 37^{12} + 16 \cdot 37^{13} + 32 \cdot 37^{14} + 19 \cdot 37^{15} + 2 \cdot 37^{16} + 37^{17} + 33 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 2) = 5 \cdot 37^8 + 10 \cdot 37^9 + 12 \cdot 37^{10} + 20 \cdot 37^{11} + 24 \cdot 37^{12} + 23 \cdot 37^{13} + 25 \cdot 37^{14} + 25 \cdot 37^{15} + 9 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1) = 6 \cdot 37^9 + 2 \cdot 37^{10} + 17 \cdot 37^{11} + 28 \cdot 37^{12} + 15 \cdot 37^{13} + 6 \cdot 37^{14} + 34 \cdot 37^{15} + 20 \cdot 37^{16} + 30 \cdot 37^{17} + 19 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 3) = 20 \cdot 37^8 + 32 \cdot 37^9 + 20 \cdot 37^{10} + 3 \cdot 37^{11} + 36 \cdot 37^{12} + 5 \cdot 37^{13} + 18 \cdot 37^{14} + 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 18 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1) = 33 \cdot 37^8 + 27 \cdot 37^9 + 11 \cdot 37^{10} + 11 \cdot 37^{11} + 4 \cdot 37^{12} + 26 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 16 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2) = 37^8 + 30 \cdot 37^9 + 24 \cdot 37^{10} + 15 \cdot 37^{11} + 17 \cdot 37^{12} + 30 \cdot 37^{13} + 7 \cdot 37^{14} + 15 \cdot 37^{15} + 14 \cdot 37^{16} + 30 \cdot 37^{17} + 23 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 6) = 34 \cdot 37^9 + 35 \cdot 37^{10} + 9 \cdot 37^{11} + 4 \cdot 37^{12} + 29 \cdot 37^{13} + 33 \cdot 37^{14} + 19 \cdot 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{17} + 8 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 5, 1) = 33 \cdot 37^8 + 7 \cdot 37^9 + 8 \cdot 37^{10} + 35 \cdot 37^{11} + 9 \cdot 37^{12} + 12 \cdot 37^{13} + 6 \cdot 37^{14} + 32 \cdot 37^{15} + 36 \cdot 37^{16} + 33 \cdot 37^{17} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 2) = 16 \cdot 37^8 + 24 \cdot 37^9 + 35 \cdot 37^{10} + 17 \cdot 37^{11} + 19 \cdot 37^{12} + 25 \cdot 37^{13} + 19 \cdot 37^{14} + 16 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 3 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 1) = 20 \cdot 37^8 + 17 \cdot 37^9 + 15 \cdot 37^{10} + 16 \cdot 37^{11} + 20 \cdot 37^{12} + 3 \cdot 37^{13} + 2 \cdot 37^{14} + 27 \cdot 37^{15} + 8 \cdot 37^{16} + 18 \cdot 37^{17} + 24 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 3) = 17 \cdot 37^8 + 17 \cdot 37^9 + 8 \cdot 37^{10} + 27 \cdot 37^{11} + 31 \cdot 37^{12} + 15 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 8 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 1) = 20 \cdot 37^8 + 23 \cdot 37^9 + 2 \cdot 37^{10} + 27 \cdot 37^{11} + 6 \cdot 37^{12} + 16 \cdot 37^{13} + 37^{14} + 28 \cdot 37^{15} + 6 \cdot 37^{16} + 29 \cdot 37^{17} + 22 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 2) = 37^8 + 8 \cdot 37^9 + 11 \cdot 37^{10} + 27 \cdot 37^{11} + 34 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 26 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 4) = 8 \cdot 37^8 + 3 \cdot 37^9 + 15 \cdot 37^{10} + 14 \cdot 37^{11} + 2 \cdot 37^{12} + 13 \cdot 37^{13} + 32 \cdot 37^{14} + 6 \cdot 37^{15} + 17 \cdot 37^{16} + 16 \cdot 37^{17} + 5 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 1) = 30 \cdot 37^8 + 20 \cdot 37^9 + 7 \cdot 37^{10} + 21 \cdot 37^{11} + 23 \cdot 37^{12} + 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 13 \cdot 37^{16} + 20 \cdot 37^{17} + 35 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 2) = 24 \cdot 37^8 + 11 \cdot 37^9 + 20 \cdot 37^{10} + 11 \cdot 37^{11} + 32 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 6 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1) = 33 \cdot 37^8 + 14 \cdot 37^9 + 20 \cdot 37^{10} + 5 \cdot 37^{11} + 7 \cdot 37^{12} + 15 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 3) = 16 \cdot 37^8 + 36 \cdot 37^9 + 5 \cdot 37^{10} + 33 \cdot 37^{11} + 35 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 20 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 25 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1) = 4 \cdot 37^8 + 5 \cdot 37^9 + 36 \cdot 37^{10} + 37^{11} + 26 \cdot 37^{12} + 12 \cdot 37^{13} + 2 \cdot 37^{14} + 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 8 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 5) = 33 \cdot 37^9 + 10 \cdot 37^{10} + 13 \cdot 37^{11} + 30 \cdot 37^{12} + 37^{13} + 8 \cdot 37^{14} + 14 \cdot 37^{15} + 35 \cdot 37^{16} + 28 \cdot 37^{17} + 23 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 1) = 33 \cdot 37^8 + 7 \cdot 37^9 + 8 \cdot 37^{10} + 35 \cdot 37^{11} + 9 \cdot 37^{12} + 12 \cdot 37^{13} + 6 \cdot 37^{14} + 32 \cdot 37^{15} + 36 \cdot 37^{16} + 33 \cdot 37^{17} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 2) = 7 \cdot 37^8 + 24 \cdot 37^9 + 25 \cdot 37^{10} + 13 \cdot 37^{11} + 28 \cdot 37^{12} + 7 \cdot 37^{13} + 37^{14} + 3 \cdot 37^{15} + 24 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1) = 37^8 + 24 \cdot 37^9 + 22 \cdot 37^{10} + 35 \cdot 37^{11} + 25 \cdot 37^{12} + 14 \cdot 37^{13} + 37^{14} + 18 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 3 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 3) = 34 \cdot 37^8 + 19 \cdot 37^9 + 8 \cdot 37^{10} + 12 \cdot 37^{11} + 14 \cdot 37^{12} + 19 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 28 \cdot 37^{16} + 23 \cdot 37^{17} + 35 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1) = 27 \cdot 37^9 + 8 \cdot 37^{10} + 33 \cdot 37^{11} + 37^{12} + 23 \cdot 37^{13} + 37^{14} + 17 \cdot 37^{15} + 14 \cdot 37^{16} + 35 \cdot 37^{17} + 3 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2) = 36 \cdot 37^8 + 7 \cdot 37^9 + 18 \cdot 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 17 \cdot 37^{14} + 27 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 34 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 4) = 34 \cdot 37^9 + 35 \cdot 37^{10} + 9 \cdot 37^{11} + 4 \cdot 37^{12} + 29 \cdot 37^{13} + 33 \cdot 37^{14} + 19 \cdot 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{17} + 8 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1) = 7 \cdot 37^8 + 7 \cdot 37^9 + 26 \cdot 37^{10} + 8 \cdot 37^{11} + 26 \cdot 37^{12} + 11 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 29 \cdot 37^{16} + 7 \cdot 37^{17} + 27 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2) = 30 \cdot 37^8 + 35 \cdot 37^9 + 12 \cdot 37^{10} + 8 \cdot 37^{11} + 2 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 22 \cdot 37^{15} + 28 \cdot 37^{16} + 22 \cdot 37^{17} + 29 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3) = 36 \cdot 37^9 + 11 \cdot 37^{10} + 3 \cdot 37^{11} + 26 \cdot 37^{12} + 9 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 7 \cdot 37^{17} + 15 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20})
\end{aligned}$$

### 12.10. weight 9 case.

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(9) = 5 \cdot 37^9 + 32 \cdot 37^{10} + 28 \cdot 37^{11} + 33 \cdot 37^{12} + 25 \cdot 37^{13} + 2 \cdot 37^{14} + 18 \cdot 37^{15} + 7 \cdot 37^{16} + 23 \cdot 37^{17} + 36 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(8, 1) = 12 \cdot 37^9 + 24 \cdot 37^{10} + 3 \cdot 37^{11} + 16 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 20 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(7, 2) = 32 \cdot 37^9 + 25 \cdot 37^{10} + 5 \cdot 37^{11} + 36 \cdot 37^{12} + 27 \cdot 37^{13} + 28 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 17 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(7, 1, 1) = 20 \cdot 37^9 + 19 \cdot 37^{10} + 9 \cdot 37^{11} + 18 \cdot 37^{12} + 35 \cdot 37^{13} + 16 \cdot 37^{14} + 10 \cdot 37^{15} + 4 \cdot 37^{16} + 14 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(6, 3) = 28 \cdot 37^9 + 21 \cdot 37^{10} + 12 \cdot 37^{11} + 7 \cdot 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 27 \cdot 37^{15} + 14 \cdot 37^{16} + 31 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(6, 2, 1) = 24 \cdot 37^9 + 15 \cdot 37^{10} + 14 \cdot 37^{11} + 27 \cdot 37^{12} + 20 \cdot 37^{13} + 24 \cdot 37^{14} + 36 \cdot 37^{15} + 27 \cdot 37^{16} + 16 \cdot 37^{17} + 3 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(6, 1, 2) = 37^{10} + 27 \cdot 37^{11} + 3 \cdot 37^{12} + 14 \cdot 37^{13} + 2 \cdot 37^{14} + 30 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 28 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(6, 1, 1, 1) = 37^9 + 4 \cdot 37^{10} + 11 \cdot 37^{11} + 17 \cdot 37^{12} + 17 \cdot 37^{13} + 4 \cdot 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 8 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(5, 4) = 35 \cdot 37^9 + 28 \cdot 37^{10} + 9 \cdot 37^{11} + 2 \cdot 37^{12} + 10 \cdot 37^{13} + 2 \cdot 37^{14} + 37^{15} + 24 \cdot 37^{16} + 25 \cdot 37^{17} + 13 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(5, 3, 1) = 3 \cdot 37^9 + 20 \cdot 37^{10} + 35 \cdot 37^{11} + 28 \cdot 37^{12} + 34 \cdot 37^{13} + 6 \cdot 37^{14} + 30 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 24 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(5, 2, 2) = 31 \cdot 37^9 + 17 \cdot 37^{10} + 20 \cdot 37^{11} + 29 \cdot 37^{12} + 6 \cdot 37^{13} + 12 \cdot 37^{15} + 3 \cdot 37^{16} + 2 \cdot 37^{17} + 27 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(5, 2, 1, 1) = 6 \cdot 37^9 + 31 \cdot 37^{10} + 5 \cdot 37^{11} + 31 \cdot 37^{12} + 36 \cdot 37^{13} + 24 \cdot 37^{14} + 20 \cdot 37^{15} + 3 \cdot 37^{16} + 7 \cdot 37^{17} + 27 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(5, 1, 3) = 14 \cdot 37^9 + 15 \cdot 37^{10} + 27 \cdot 37^{11} + 30 \cdot 37^{12} + 17 \cdot 37^{13} + 26 \cdot 37^{14} + 8 \cdot 37^{15} + 9 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(5, 1, 2, 1) = 18 \cdot 37^9 + 27 \cdot 37^{10} + 25 \cdot 37^{11} + 2 \cdot 37^{12} + 20 \cdot 37^{13} + 36 \cdot 37^{14} + 31 \cdot 37^{15} + 24 \cdot 37^{16} + 35 \cdot 37^{17} + 22 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(5, 1, 1, 2) = 27 \cdot 37^9 + 29 \cdot 37^{10} + 3 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 6 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(5, 1, 1, 1, 1) = 29 \cdot 37^9 + 21 \cdot 37^{10} + 15 \cdot 37^{11} + 33 \cdot 37^{12} + 5 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 29 \cdot 37^{17} + 2 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 5) = 34 \cdot 37^9 + 12 \cdot 37^{10} + 35 \cdot 37^{11} + 37^{13} + 32 \cdot 37^{14} + 17 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{17} + 23 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 4, 1) = 14 \cdot 37^9 + 35 \cdot 37^{10} + 9 \cdot 37^{11} + 36 \cdot 37^{12} + 5 \cdot 37^{13} + 17 \cdot 37^{14} + 9 \cdot 37^{15} + 37^{16} + 20 \cdot 37^{17} + 22 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 3, 2) = 12 \cdot 37^9 + 7 \cdot 37^{10} + 13 \cdot 37^{11} + 32 \cdot 37^{12} + 2 \cdot 37^{13} + 34 \cdot 37^{14} + 26 \cdot 37^{15} + 17 \cdot 37^{16} + 23 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 3, 1, 1) = 29 \cdot 37^9 + 34 \cdot 37^{10} + 9 \cdot 37^{12} + 19 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 33 \cdot 37^{16} + 13 \cdot 37^{17} + 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 2, 3) = 2 \cdot 37^9 + 4 \cdot 37^{10} + 18 \cdot 37^{11} + 10 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 21 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 16 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 2, 2, 1) = 12 \cdot 37^9 + 15 \cdot 37^{10} + 5 \cdot 37^{11} + 23 \cdot 37^{12} + 20 \cdot 37^{13} + 29 \cdot 37^{14} + 24 \cdot 37^{15} + 16 \cdot 37^{16} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 2, 1, 2) = 6 \cdot 37^9 + 28 \cdot 37^{10} + 27 \cdot 37^{11} + 30 \cdot 37^{12} + 2 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 8 \cdot 37^{16} + 29 \cdot 37^{17} + 13 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 2, 1, 1, 1) = 32 \cdot 37^9 + 35 \cdot 37^{10} + 26 \cdot 37^{11} + 18 \cdot 37^{12} + 6 \cdot 37^{14} + 19 \cdot 37^{15} + 5 \cdot 37^{16} + 34 \cdot 37^{17} + 2 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 4) = 3 \cdot 37^{10} + 15 \cdot 37^{11} + 21 \cdot 37^{12} + 5 \cdot 37^{13} + 21 \cdot 37^{14} + 16 \cdot 37^{15} + 29 \cdot 37^{16} + 13 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 3, 1) = 5 \cdot 37^9 + 6 \cdot 37^{10} + 34 \cdot 37^{11} + 22 \cdot 37^{13} + 35 \cdot 37^{14} + 14 \cdot 37^{15} + 35 \cdot 37^{16} + 9 \cdot 37^{17} + 3 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 2, 2) = 7 \cdot 37^9 + 3 \cdot 37^{10} + 4 \cdot 37^{11} + 14 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 2, 1, 1) = 4 \cdot 37^9 + 23 \cdot 37^{10} + 30 \cdot 37^{11} + 23 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 30 \cdot 37^{17} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 3) = 17 \cdot 37^9 + 26 \cdot 37^{11} + 26 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 13 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 2, 1) = 30 \cdot 37^9 + 33 \cdot 37^{10} + 11 \cdot 37^{11} + 4 \cdot 37^{12} + 36 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 2) = 27 \cdot 37^9 + 29 \cdot 37^{10} + 3 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 6 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 1) = 7 \cdot 37^9 + 28 \cdot 37^{10} + 23 \cdot 37^{11} + 22 \cdot 37^{12} + 16 \cdot 37^{13} + 9 \cdot 37^{14} + 32 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 6) = 4 \cdot 37^9 + 20 \cdot 37^{10} + 32 \cdot 37^{11} + 32 \cdot 37^{12} + 20 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 21 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 5, 1) = 3 \cdot 37^9 + 20 \cdot 37^{10} + 35 \cdot 37^{11} + 28 \cdot 37^{12} + 34 \cdot 37^{13} + 6 \cdot 37^{14} + 30 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 24 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 4, 2) = 8 \cdot 37^9 + 28 \cdot 37^{10} + 36 \cdot 37^{11} + 37^{12} + 25 \cdot 37^{13} + 34 \cdot 37^{14} + 8 \cdot 37^{15} + 16 \cdot 37^{16} + 25 \cdot 37^{17} + 25 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 4, 1, 1) = 33 \cdot 37^9 + 13 \cdot 37^{10} + 14 \cdot 37^{11} + 2 \cdot 37^{12} + 34 \cdot 37^{13} + 22 \cdot 37^{14} + 10 \cdot 37^{15} + 35 \cdot 37^{16} + 11 \cdot 37^{17} + 6 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 3, 3) = 24 \cdot 37^9 + 34 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 22 \cdot 37^{13} + 10 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 3, 2, 1) = 37^9 + 9 \cdot 37^{10} + 6 \cdot 37^{11} + 29 \cdot 37^{12} + 33 \cdot 37^{13} + 2 \cdot 37^{14} + 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 3, 1, 2) = 13 \cdot 37^9 + 32 \cdot 37^{10} + 20 \cdot 37^{11} + 33 \cdot 37^{12} + 27 \cdot 37^{13} + 23 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 13 \cdot 37^{17} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 3, 1, 1, 1) = 23 \cdot 37^9 + 29 \cdot 37^{10} + 16 \cdot 37^{11} + 20 \cdot 37^{12} + 30 \cdot 37^{13} + 29 \cdot 37^{14} + 22 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 21 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 4) = 18 \cdot 37^9 + 29 \cdot 37^{10} + 22 \cdot 37^{11} + 7 \cdot 37^{12} + 34 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 3, 1) = 37^9 + 14 \cdot 37^{10} + 34 \cdot 37^{12} + 16 \cdot 37^{13} + 25 \cdot 37^{14} + 11 \cdot 37^{15} + 34 \cdot 37^{16} + 13 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 2, 2) = 13 \cdot 37^9 + 36 \cdot 37^{10} + 34 \cdot 37^{11} + 25 \cdot 37^{12} + 13 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 8 \cdot 37^{16} + 2 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 2, 1, 1) = 15 \cdot 37^9 + 31 \cdot 37^{10} + 18 \cdot 37^{11} + 32 \cdot 37^{12} + 14 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 22 \cdot 37^{16} + 18 \cdot 37^{17} + 36 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 3) = 12 \cdot 37^9 + 9 \cdot 37^{10} + 27 \cdot 37^{11} + 20 \cdot 37^{12} + 20 \cdot 37^{13} + 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 17 \cdot 37^{17} + 13 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 2, 1) = 30 \cdot 37^9 + 17 \cdot 37^{10} + 7 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 28 \cdot 37^{14} + 9 \cdot 37^{15} + 33 \cdot 37^{16} + 31 \cdot 37^{17} + 19 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 2) = 6 \cdot 37^9 + 28 \cdot 37^{10} + 27 \cdot 37^{11} + 30 \cdot 37^{12} + 2 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 8 \cdot 37^{16} + 29 \cdot 37^{17} + 13 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 1) = 34 \cdot 37^9 + 28 \cdot 37^{10} + 36 \cdot 37^{11} + 15 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 4 \cdot 37^{16} + 29 \cdot 37^{17} + 4 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 5) = 15 \cdot 37^9 + 26 \cdot 37^{10} + 3 \cdot 37^{11} + 4 \cdot 37^{12} + 2 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 23 \cdot 37^{16} + 21 \cdot 37^{17} + 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 4, 1) = 21 \cdot 37^9 + 36 \cdot 37^{10} + 36 \cdot 37^{11} + 25 \cdot 37^{12} + 36 \cdot 37^{13} + 11 \cdot 37^{14} + 28 \cdot 37^{15} + 21 \cdot 37^{16} + 26 \cdot 37^{17} + 34 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 3, 2) = 8 \cdot 37^9 + 6 \cdot 37^{10} + 21 \cdot 37^{11} + 22 \cdot 37^{12} + 25 \cdot 37^{13} + 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 3 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 3, 1, 1) = 26 \cdot 37^9 + 15 \cdot 37^{10} + 18 \cdot 37^{11} + 9 \cdot 37^{12} + 31 \cdot 37^{13} + 24 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 10 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 3) = 3 \cdot 37^9 + 17 \cdot 37^{10} + 19 \cdot 37^{11} + 3 \cdot 37^{12} + 35 \cdot 37^{13} + 28 \cdot 37^{14} + 27 \cdot 37^{15} + 7 \cdot 37^{16} + 16 \cdot 37^{17} + 34 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 2, 1) = 22 \cdot 37^9 + 31 \cdot 37^{10} + 5 \cdot 37^{11} + 15 \cdot 37^{12} + 28 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 28 \cdot 37^{16} + 14 \cdot 37^{17} + 18 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 2) = 13 \cdot 37^9 + 32 \cdot 37^{10} + 20 \cdot 37^{11} + 33 \cdot 37^{12} + 27 \cdot 37^{13} + 23 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 13 \cdot 37^{17} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 1) = 20 \cdot 37^9 + 36 \cdot 37^{10} + 14 \cdot 37^{12} + 23 \cdot 37^{13} + 15 \cdot 37^{14} + 12 \cdot 37^{15} + 6 \cdot 37^{16} + 24 \cdot 37^{17} + 20 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 4) = 27 \cdot 37^9 + 33 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 22 \cdot 37^{13} + 11 \cdot 37^{14} + 30 \cdot 37^{16} + 3 \cdot 37^{17} + 25 \cdot 37^{18} + 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 3, 1) = 14 \cdot 37^9 + 36 \cdot 37^{10} + 18 \cdot 37^{11} + 34 \cdot 37^{12} + 15 \cdot 37^{13} + 32 \cdot 37^{14} + 11 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 2) = 5 \cdot 37^9 + 28 \cdot 37^{10} + 19 \cdot 37^{11} + 31 \cdot 37^{12} + 3 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 1) = 30 \cdot 37^9 + 6 \cdot 37^{10} + 37^{12} + 12 \cdot 37^{13} + 32 \cdot 37^{14} + 20 \cdot 37^{15} + 35 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 3) = 31 \cdot 37^9 + 26 \cdot 37^{10} + 2 \cdot 37^{11} + 3 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 18 \cdot 37^{16} + 30 \cdot 37^{17} + 8 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 1) = 15 \cdot 37^9 + 20 \cdot 37^{10} + 11 \cdot 37^{11} + 37^{12} + 35 \cdot 37^{13} + 8 \cdot 37^{14} + 5 \cdot 37^{15} + 25 \cdot 37^{16} + 2 \cdot 37^{17} + 13 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 2) = 37^{10} + 27 \cdot 37^{11} + 3 \cdot 37^{12} + 14 \cdot 37^{13} + 2 \cdot 37^{14} + 30 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 28 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1) = 8 \cdot 37^9 + 9 \cdot 37^{10} + 3 \cdot 37^{11} + 12 \cdot 37^{12} + 31 \cdot 37^{13} + 29 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 3 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 7) = 16 \cdot 37^{10} + 2 \cdot 37^{11} + 4 \cdot 37^{12} + 20 \cdot 37^{13} + 5 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 33 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 6, 1) = 10 \cdot 37^9 + 11 \cdot 37^{10} + 16 \cdot 37^{11} + 19 \cdot 37^{12} + 30 \cdot 37^{13} + 8 \cdot 37^{14} + 33 \cdot 37^{15} + 18 \cdot 37^{16} + 15 \cdot 37^{17} + 24 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 5, 2) = 19 \cdot 37^9 + 20 \cdot 37^{10} + 17 \cdot 37^{11} + 13 \cdot 37^{12} + 22 \cdot 37^{13} + 5 \cdot 37^{14} + 10 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 12 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 5, 1, 1) = 23 \cdot 37^9 + 4 \cdot 37^{10} + 3 \cdot 37^{11} + 34 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 10 \cdot 37^{16} + 23 \cdot 37^{17} + 15 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 4, 3) = 35 \cdot 37^9 + 27 \cdot 37^{10} + 31 \cdot 37^{11} + 22 \cdot 37^{12} + 35 \cdot 37^{13} + 32 \cdot 37^{14} + 16 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 24 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 4, 2, 1) = 4 \cdot 37^9 + 34 \cdot 37^{10} + 29 \cdot 37^{11} + 33 \cdot 37^{12} + 32 \cdot 37^{13} + 6 \cdot 37^{14} + 25 \cdot 37^{15} + 16 \cdot 37^{16} + 27 \cdot 37^{17} + 32 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 4, 1, 2) = 5 \cdot 37^9 + 28 \cdot 37^{10} + 19 \cdot 37^{11} + 31 \cdot 37^{12} + 3 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 4, 1, 1, 1) = 3 \cdot 37^9 + 17 \cdot 37^{10} + 2 \cdot 37^{11} + 8 \cdot 37^{12} + 25 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 5 \cdot 37^{16} + 5 \cdot 37^{17} + 18 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 4) = 9 \cdot 37^9 + 4 \cdot 37^{10} + 9 \cdot 37^{11} + 29 \cdot 37^{12} + 20 \cdot 37^{13} + 23 \cdot 37^{14} + 27 \cdot 37^{15} + 13 \cdot 37^{16} + 15 \cdot 37^{17} + 10 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 3, 1) = 29 \cdot 37^9 + 17 \cdot 37^{10} + 2 \cdot 37^{11} + 8 \cdot 37^{12} + 14 \cdot 37^{13} + 34 \cdot 37^{14} + 7 \cdot 37^{15} + 17 \cdot 37^{16} + 29 \cdot 37^{17} + 4 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 2, 2) = 15 \cdot 37^9 + 31 \cdot 37^{12} + 3 \cdot 37^{13} + 5 \cdot 37^{14} + 12 \cdot 37^{15} + 23 \cdot 37^{16} + 14 \cdot 37^{17} + 26 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 2, 1, 1) = 30 \cdot 37^9 + 7 \cdot 37^{10} + 27 \cdot 37^{11} + 5 \cdot 37^{12} + 15 \cdot 37^{13} + 27 \cdot 37^{14} + 8 \cdot 37^{15} + 25 \cdot 37^{16} + 35 \cdot 37^{17} + 36 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 3) = 35 \cdot 37^9 + 37^{10} + 2 \cdot 37^{11} + 7 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{17} + 21 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 2, 1) = 18 \cdot 37^9 + 18 \cdot 37^{10} + 19 \cdot 37^{11} + 27 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{14} + 27 \cdot 37^{15} + 17 \cdot 37^{16} + 4 \cdot 37^{17} + 26 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 2) = 7 \cdot 37^9 + 3 \cdot 37^{10} + 4 \cdot 37^{11} + 14 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 1) = 35 \cdot 37^{10} + 35 \cdot 37^{11} + 10 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 14 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 5) = 29 \cdot 37^9 + 30 \cdot 37^{10} + 27 \cdot 37^{11} + 27 \cdot 37^{12} + 33 \cdot 37^{13} + 33 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 31 \cdot 37^{17} + 33 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 4, 1) = 3 \cdot 37^9 + 24 \cdot 37^{10} + 37^{11} + 2 \cdot 37^{12} + 37^{13} + 24 \cdot 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{16} + 6 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 3, 2) = 2 \cdot 37^9 + 2 \cdot 37^{10} + 17 \cdot 37^{11} + 5 \cdot 37^{12} + 10 \cdot 37^{13} + 11 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 20 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 3, 1, 1) = 7 \cdot 37^9 + 11 \cdot 37^{10} + 7 \cdot 37^{11} + 21 \cdot 37^{12} + 20 \cdot 37^{13} + 29 \cdot 37^{14} + 29 \cdot 37^{15} + 8 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 3) = 2 \cdot 37^9 + 3 \cdot 37^{10} + 30 \cdot 37^{11} + 14 \cdot 37^{12} + 20 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 2, 1) = 10 \cdot 37^9 + 27 \cdot 37^{10} + 20 \cdot 37^{11} + 30 \cdot 37^{12} + 14 \cdot 37^{13} + 5 \cdot 37^{14} + 36 \cdot 37^{15} + 14 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 2) = 13 \cdot 37^9 + 36 \cdot 37^{10} + 34 \cdot 37^{11} + 25 \cdot 37^{12} + 13 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 8 \cdot 37^{16} + 2 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 1) = 24 \cdot 37^9 + 22 \cdot 37^{10} + 13 \cdot 37^{11} + 21 \cdot 37^{12} + 33 \cdot 37^{13} + 19 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 28 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 4) = 29 \cdot 37^9 + 16 \cdot 37^{10} + 15 \cdot 37^{11} + 14 \cdot 37^{12} + 8 \cdot 37^{13} + 20 \cdot 37^{14} + 15 \cdot 37^{16} + 20 \cdot 37^{17} + 36 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 3, 1) = 3 \cdot 37^9 + 14 \cdot 37^{10} + 13 \cdot 37^{11} + 20 \cdot 37^{12} + 30 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 29 \cdot 37^{16} + 9 \cdot 37^{17} + 28 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 2) = 15 \cdot 37^9 + 31 \cdot 37^{12} + 3 \cdot 37^{13} + 5 \cdot 37^{14} + 12 \cdot 37^{15} + 23 \cdot 37^{16} + 14 \cdot 37^{17} + 26 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 1) = 6 \cdot 37^{10} + 11 \cdot 37^{11} + 34 \cdot 37^{12} + 36 \cdot 37^{13} + 20 \cdot 37^{14} + 5 \cdot 37^{15} + 3 \cdot 37^{16} + 15 \cdot 37^{17} + 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 3) = 4 \cdot 37^9 + 35 \cdot 37^{10} + 21 \cdot 37^{11} + 7 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{15} + 16 \cdot 37^{16} + 3 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 1) = 33 \cdot 37^9 + 16 \cdot 37^{10} + 3 \cdot 37^{11} + 18 \cdot 37^{12} + 26 \cdot 37^{13} + 10 \cdot 37^{14} + 2 \cdot 37^{15} + 15 \cdot 37^{16} + 14 \cdot 37^{17} + 19 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 2) = 31 \cdot 37^9 + 17 \cdot 37^{10} + 20 \cdot 37^{11} + 29 \cdot 37^{12} + 6 \cdot 37^{13} + 12 \cdot 37^{15} + 3 \cdot 37^{16} + 2 \cdot 37^{17} + 27 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1) = 29 \cdot 37^9 + 11 \cdot 37^{10} + 31 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 6) = 28 \cdot 37^9 + 6 \cdot 37^{10} + 7 \cdot 37^{12} + 21 \cdot 37^{13} + 11 \cdot 37^{14} + 3 \cdot 37^{15} + 18 \cdot 37^{16} + 13 \cdot 37^{17} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 5, 1) = 25 \cdot 37^9 + 29 \cdot 37^{10} + 24 \cdot 37^{11} + 6 \cdot 37^{12} + 15 \cdot 37^{13} + 7 \cdot 37^{14} + 15 \cdot 37^{15} + 29 \cdot 37^{16} + 17 \cdot 37^{17} + 12 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 4, 2) = 33 \cdot 37^9 + 2 \cdot 37^{10} + 6 \cdot 37^{11} + 16 \cdot 37^{12} + 27 \cdot 37^{13} + 26 \cdot 37^{14} + 19 \cdot 37^{15} + 26 \cdot 37^{17} + 2 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 4, 1, 1) = 17 \cdot 37^9 + 12 \cdot 37^{10} + 33 \cdot 37^{11} + 37^{12} + 14 \cdot 37^{13} + 3 \cdot 37^{14} + 32 \cdot 37^{15} + 34 \cdot 37^{16} + 16 \cdot 37^{17} + 28 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 3) = 4 \cdot 37^9 + 28 \cdot 37^{10} + 9 \cdot 37^{11} + 17 \cdot 37^{12} + 25 \cdot 37^{13} + 18 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 32 \cdot 37^{17} + 36 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 2, 1) = 23 \cdot 37^9 + 31 \cdot 37^{10} + 13 \cdot 37^{11} + 14 \cdot 37^{12} + 27 \cdot 37^{13} + 26 \cdot 37^{14} + 8 \cdot 37^{16} + 8 \cdot 37^{17} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 2) = 8 \cdot 37^9 + 6 \cdot 37^{10} + 21 \cdot 37^{11} + 22 \cdot 37^{12} + 25 \cdot 37^{13} + 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 3 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 1) = 5 \cdot 37^9 + 32 \cdot 37^{10} + 31 \cdot 37^{11} + 6 \cdot 37^{12} + 34 \cdot 37^{13} + 27 \cdot 37^{14} + 3 \cdot 37^{15} + 18 \cdot 37^{16} + 29 \cdot 37^{17} + 22 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 4) = 20 \cdot 37^9 + 23 \cdot 37^{10} + 12 \cdot 37^{11} + 8 \cdot 37^{12} + 19 \cdot 37^{13} + 24 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 37^{17} + 21 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 3, 1) = 11 \cdot 37^9 + 15 \cdot 37^{11} + 31 \cdot 37^{13} + 2 \cdot 37^{14} + 33 \cdot 37^{15} + 33 \cdot 37^{16} + 26 \cdot 37^{17} + 29 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 2) = 2 \cdot 37^9 + 2 \cdot 37^{10} + 17 \cdot 37^{11} + 5 \cdot 37^{12} + 10 \cdot 37^{13} + 11 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 20 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 1) = 13 \cdot 37^9 + 4 \cdot 37^{10} + 31 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 25 \cdot 37^{14} + 6 \cdot 37^{15} + 3 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 3) = 8 \cdot 37^9 + 30 \cdot 37^{10} + 2 \cdot 37^{11} + 6 \cdot 37^{12} + 10 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 28 \cdot 37^{17} + 24 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 1) = 3 \cdot 37^9 + 9 \cdot 37^{10} + 15 \cdot 37^{11} + 19 \cdot 37^{13} + 31 \cdot 37^{14} + 4 \cdot 37^{15} + 7 \cdot 37^{16} + 23 \cdot 37^{17} + 21 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 2) = 12 \cdot 37^9 + 7 \cdot 37^{10} + 13 \cdot 37^{11} + 32 \cdot 37^{12} + 2 \cdot 37^{13} + 34 \cdot 37^{14} + 26 \cdot 37^{15} + 17 \cdot 37^{16} + 23 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1) = 26 \cdot 37^9 + 8 \cdot 37^{10} + 27 \cdot 37^{11} + 17 \cdot 37^{12} + 3 \cdot 37^{13} + 28 \cdot 37^{14} + 25 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 5) = 36 \cdot 37^9 + 7 \cdot 37^{10} + 14 \cdot 37^{11} + 31 \cdot 37^{12} + 16 \cdot 37^{13} + 11 \cdot 37^{14} + 32 \cdot 37^{15} + 25 \cdot 37^{16} + 19 \cdot 37^{17} + 13 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 4, 1) = 21 \cdot 37^9 + 5 \cdot 37^{10} + 8 \cdot 37^{11} + 20 \cdot 37^{12} + 17 \cdot 37^{13} + 30 \cdot 37^{14} + 37^{15} + 21 \cdot 37^{16} + 6 \cdot 37^{17} + 9 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 2) = 33 \cdot 37^9 + 2 \cdot 37^{10} + 6 \cdot 37^{11} + 16 \cdot 37^{12} + 27 \cdot 37^{13} + 26 \cdot 37^{14} + 19 \cdot 37^{15} + 26 \cdot 37^{17} + 2 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 1) = 16 \cdot 37^9 + 36 \cdot 37^{10} + 11 \cdot 37^{11} + 24 \cdot 37^{12} + 15 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 4 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 3) = 7 \cdot 37^9 + 6 \cdot 37^{10} + 6 \cdot 37^{11} + 28 \cdot 37^{12} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 12 \cdot 37^{16} + 33 \cdot 37^{17} + 17 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 1) = 23 \cdot 37^9 + 27 \cdot 37^{10} + 14 \cdot 37^{11} + 7 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 18 \cdot 37^{15} + 34 \cdot 37^{16} + 6 \cdot 37^{17} + 34 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 2) = 8 \cdot 37^9 + 28 \cdot 37^{10} + 36 \cdot 37^{11} + 37^{12} + 25 \cdot 37^{13} + 34 \cdot 37^{14} + 8 \cdot 37^{15} + 16 \cdot 37^{16} + 25 \cdot 37^{17} + 25 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1) = 20 \cdot 37^9 + 17 \cdot 37^{10} + 4 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 29 \cdot 37^{16} + 18 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 4) = 27 \cdot 37^9 + 30 \cdot 37^{10} + 23 \cdot 37^{11} + 9 \cdot 37^{12} + 12 \cdot 37^{13} + 26 \cdot 37^{14} + 3 \cdot 37^{15} + 17 \cdot 37^{16} + 36 \cdot 37^{17} + 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 1) = 6 \cdot 37^9 + 29 \cdot 37^{10} + 7 \cdot 37^{11} + 17 \cdot 37^{12} + 15 \cdot 37^{13} + 3 \cdot 37^{14} + 12 \cdot 37^{15} + 6 \cdot 37^{16} + 5 \cdot 37^{17} + 8 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 2) = 19 \cdot 37^9 + 20 \cdot 37^{10} + 17 \cdot 37^{11} + 13 \cdot 37^{12} + 22 \cdot 37^{13} + 5 \cdot 37^{14} + 10 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 12 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1) = 14 \cdot 37^9 + 26 \cdot 37^{10} + 18 \cdot 37^{11} + 30 \cdot 37^{12} + 18 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 2 \cdot 37^{16} + 25 \cdot 37^{17} + 27 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 3) = 27 \cdot 37^9 + 9 \cdot 37^{10} + 14 \cdot 37^{11} + 36 \cdot 37^{12} + 20 \cdot 37^{13} + 3 \cdot 37^{14} + 15 \cdot 37^{15} + 35 \cdot 37^{16} + 29 \cdot 37^{17} + 32 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1) = 11 \cdot 37^9 + 23 \cdot 37^{10} + 14 \cdot 37^{11} + 27 \cdot 37^{12} + 36 \cdot 37^{13} + 19 \cdot 37^{14} + 8 \cdot 37^{15} + 35 \cdot 37^{16} + 16 \cdot 37^{17} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2) = 32 \cdot 37^9 + 25 \cdot 37^{10} + 5 \cdot 37^{11} + 36 \cdot 37^{12} + 27 \cdot 37^{13} + 28 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 17 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1) = 34 \cdot 37^9 + 37^{10} + 28 \cdot 37^{11} + 25 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 14 \cdot 37^{16} + 36 \cdot 37^{17} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 8) = 20 \cdot 37^9 + 17 \cdot 37^{10} + 4 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 29 \cdot 37^{16} + 18 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 7, 1) = 27 \cdot 37^9 + 21 \cdot 37^{10} + 8 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 24 \cdot 37^{14} + 30 \cdot 37^{15} + 8 \cdot 37^{16} + 33 \cdot 37^{17} + 6 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 6, 2) = 27 \cdot 37^9 + 9 \cdot 37^{10} + 14 \cdot 37^{11} + 36 \cdot 37^{12} + 20 \cdot 37^{13} + 3 \cdot 37^{14} + 15 \cdot 37^{15} + 35 \cdot 37^{16} + 29 \cdot 37^{17} + 32 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 6, 1, 1) = 27 \cdot 37^9 + 25 \cdot 37^{10} + 26 \cdot 37^{11} + 9 \cdot 37^{12} + 25 \cdot 37^{13} + 16 \cdot 37^{14} + 20 \cdot 37^{15} + 35 \cdot 37^{16} + 26 \cdot 37^{17} + 35 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 5, 3) = 31 \cdot 37^9 + 24 \cdot 37^{10} + 25 \cdot 37^{11} + 4 \cdot 37^{12} + 21 \cdot 37^{13} + 23 \cdot 37^{14} + 6 \cdot 37^{15} + 26 \cdot 37^{16} + 37^{17} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 5, 2, 1) = 23 \cdot 37^9 + 4 \cdot 37^{10} + 3 \cdot 37^{11} + 34 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 10 \cdot 37^{16} + 23 \cdot 37^{17} + 15 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 5, 1, 2) = 31 \cdot 37^9 + 26 \cdot 37^{10} + 2 \cdot 37^{11} + 3 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 18 \cdot 37^{16} + 30 \cdot 37^{17} + 8 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 5, 1, 1, 1) = 24 \cdot 37^9 + 7 \cdot 37^{10} + 37^{11} + 2 \cdot 37^{12} + 34 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 17 \cdot 37^{16} + 4 \cdot 37^{17} + 10 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 4) = 28 \cdot 37^9 + 30 \cdot 37^{10} + 3 \cdot 37^{11} + 13 \cdot 37^{12} + 14 \cdot 37^{13} + 37^{14} + 29 \cdot 37^{15} + 13 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 3, 1) = 19 \cdot 37^9 + 9 \cdot 37^{10} + 16 \cdot 37^{11} + 31 \cdot 37^{12} + 6 \cdot 37^{13} + 7 \cdot 37^{14} + 7 \cdot 37^{15} + 26 \cdot 37^{16} + 10 \cdot 37^{17} + 27 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 2, 2) = 4 \cdot 37^9 + 35 \cdot 37^{10} + 21 \cdot 37^{11} + 7 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{15} + 16 \cdot 37^{16} + 3 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 2, 1, 1) = 18 \cdot 37^9 + 14 \cdot 37^{10} + 35 \cdot 37^{11} + 2 \cdot 37^{12} + 8 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 27 \cdot 37^{16} + 37^{17} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 3) = 19 \cdot 37^9 + 7 \cdot 37^{10} + 37^{11} + 31 \cdot 37^{12} + 16 \cdot 37^{13} + 30 \cdot 37^{14} + 6 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 12 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 2, 1) = 37^9 + 19 \cdot 37^{10} + 30 \cdot 37^{11} + 13 \cdot 37^{12} + 36 \cdot 37^{13} + 26 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 2) = 17 \cdot 37^9 + 26 \cdot 37^{11} + 26 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 13 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 1) = 21 \cdot 37^9 + 8 \cdot 37^{10} + 15 \cdot 37^{11} + 22 \cdot 37^{12} + 20 \cdot 37^{13} + 25 \cdot 37^{14} + 9 \cdot 37^{15} + 26 \cdot 37^{16} + 22 \cdot 37^{17} + 6 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 5) = 18 \cdot 37^9 + 31 \cdot 37^{10} + 3 \cdot 37^{11} + 7 \cdot 37^{12} + 15 \cdot 37^{13} + 35 \cdot 37^{14} + 32 \cdot 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 4, 1) = 36 \cdot 37^9 + 36 \cdot 37^{10} + 36 \cdot 37^{11} + 12 \cdot 37^{12} + 14 \cdot 37^{13} + 31 \cdot 37^{14} + 12 \cdot 37^{15} + 37^{16} + 33 \cdot 37^{17} + 27 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 3, 2) = 8 \cdot 37^9 + 30 \cdot 37^{10} + 2 \cdot 37^{11} + 6 \cdot 37^{12} + 10 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 28 \cdot 37^{17} + 24 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 3, 1, 1) = 21 \cdot 37^9 + 29 \cdot 37^{10} + 35 \cdot 37^{11} + 6 \cdot 37^{12} + 16 \cdot 37^{13} + 5 \cdot 37^{14} + 4 \cdot 37^{15} + 12 \cdot 37^{16} + 23 \cdot 37^{17} + 7 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 3) = 14 \cdot 37^9 + 2 \cdot 37^{10} + 13 \cdot 37^{11} + 12 \cdot 37^{12} + 11 \cdot 37^{13} + 16 \cdot 37^{14} + 23 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 2, 1) = 2 \cdot 37^9 + 35 \cdot 37^{10} + 12 \cdot 37^{11} + 34 \cdot 37^{12} + 12 \cdot 37^{13} + 19 \cdot 37^{14} + 19 \cdot 37^{15} + 18 \cdot 37^{16} + 22 \cdot 37^{17} + 36 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 2) = 12 \cdot 37^9 + 9 \cdot 37^{10} + 27 \cdot 37^{11} + 20 \cdot 37^{12} + 20 \cdot 37^{13} + 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 17 \cdot 37^{17} + 13 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 1) = 11 \cdot 37^9 + 5 \cdot 37^{10} + 11 \cdot 37^{11} + 17 \cdot 37^{12} + 30 \cdot 37^{13} + 24 \cdot 37^{14} + 22 \cdot 37^{15} + 11 \cdot 37^{16} + 22 \cdot 37^{17} + 29 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 4) = 3 \cdot 37^9 + 22 \cdot 37^{10} + 12 \cdot 37^{11} + 7 \cdot 37^{12} + 24 \cdot 37^{13} + 6 \cdot 37^{14} + 19 \cdot 37^{15} + 8 \cdot 37^{16} + 16 \cdot 37^{17} + 18 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 3, 1) = 33 \cdot 37^9 + 17 \cdot 37^{10} + 17 \cdot 37^{11} + 13 \cdot 37^{12} + 26 \cdot 37^{13} + 32 \cdot 37^{14} + 6 \cdot 37^{15} + 10 \cdot 37^{16} + 35 \cdot 37^{17} + 36 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 2) = 35 \cdot 37^9 + 37^{10} + 2 \cdot 37^{11} + 7 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{17} + 21 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 1) = 36 \cdot 37^9 + 5 \cdot 37^{10} + 11 \cdot 37^{11} + 34 \cdot 37^{12} + 20 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 28 \cdot 37^{16} + 24 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 3) = 19 \cdot 37^9 + 7 \cdot 37^{10} + 37^{11} + 31 \cdot 37^{12} + 16 \cdot 37^{13} + 30 \cdot 37^{14} + 6 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 12 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 1) = 16 \cdot 37^9 + 36 \cdot 37^{10} + 11 \cdot 37^{11} + 24 \cdot 37^{12} + 15 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 4 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 2) = 14 \cdot 37^9 + 15 \cdot 37^{10} + 27 \cdot 37^{11} + 30 \cdot 37^{12} + 17 \cdot 37^{13} + 26 \cdot 37^{14} + 8 \cdot 37^{15} + 9 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1) = 17 \cdot 37^9 + 3 \cdot 37^{10} + 30 \cdot 37^{11} + 8 \cdot 37^{12} + 24 \cdot 37^{13} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 21 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 6) = 32 \cdot 37^9 + 19 \cdot 37^{10} + 22 \cdot 37^{11} + 10 \cdot 37^{12} + 18 \cdot 37^{13} + 28 \cdot 37^{14} + 28 \cdot 37^{15} + 12 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 5, 1) = 8 \cdot 37^9 + 20 \cdot 37^{10} + 10 \cdot 37^{11} + 11 \cdot 37^{12} + 24 \cdot 37^{13} + 22 \cdot 37^{14} + 30 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 4, 2) = 7 \cdot 37^9 + 6 \cdot 37^{10} + 6 \cdot 37^{11} + 28 \cdot 37^{12} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 12 \cdot 37^{16} + 33 \cdot 37^{17} + 17 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 4, 1, 1) = 34 \cdot 37^9 + 7 \cdot 37^{10} + 37^{11} + 28 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 31 \cdot 37^{15} + 13 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 3) = 12 \cdot 37^9 + 33 \cdot 37^{10} + 8 \cdot 37^{11} + 4 \cdot 37^{12} + 5 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{15} + 23 \cdot 37^{16} + 5 \cdot 37^{17} + 34 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 2, 1) = 35 \cdot 37^9 + 20 \cdot 37^{10} + 21 \cdot 37^{11} + 29 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{15} + 15 \cdot 37^{16} + 2 \cdot 37^{17} + 11 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 2) = 3 \cdot 37^9 + 17 \cdot 37^{10} + 19 \cdot 37^{11} + 3 \cdot 37^{12} + 35 \cdot 37^{13} + 28 \cdot 37^{14} + 27 \cdot 37^{15} + 7 \cdot 37^{16} + 16 \cdot 37^{17} + 34 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 1) = 20 \cdot 37^9 + 34 \cdot 37^{10} + 18 \cdot 37^{11} + 34 \cdot 37^{12} + 15 \cdot 37^{13} + 34 \cdot 37^{14} + 13 \cdot 37^{15} + 3 \cdot 37^{16} + 24 \cdot 37^{17} + 8 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 4) = 3 \cdot 37^9 + 19 \cdot 37^{10} + 21 \cdot 37^{11} + 21 \cdot 37^{12} + 30 \cdot 37^{13} + 27 \cdot 37^{14} + 4 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 3, 1) = 11 \cdot 37^9 + 16 \cdot 37^{10} + 9 \cdot 37^{11} + 35 \cdot 37^{12} + 2 \cdot 37^{13} + 10 \cdot 37^{14} + 11 \cdot 37^{15} + 31 \cdot 37^{16} + 24 \cdot 37^{17} + 5 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 2) = 2 \cdot 37^9 + 3 \cdot 37^{10} + 30 \cdot 37^{11} + 14 \cdot 37^{12} + 20 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 1) = 25 \cdot 37^9 + 29 \cdot 37^{10} + 29 \cdot 37^{11} + 21 \cdot 37^{12} + 11 \cdot 37^{13} + 34 \cdot 37^{14} + 5 \cdot 37^{15} + 23 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 3) = 14 \cdot 37^9 + 2 \cdot 37^{10} + 13 \cdot 37^{11} + 12 \cdot 37^{12} + 11 \cdot 37^{13} + 16 \cdot 37^{14} + 23 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 1) = 3 \cdot 37^9 + 15 \cdot 37^{10} + 5 \cdot 37^{11} + 12 \cdot 37^{12} + 15 \cdot 37^{13} + 5 \cdot 37^{14} + 23 \cdot 37^{15} + 22 \cdot 37^{16} + 32 \cdot 37^{17} + 21 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 2) = 2 \cdot 37^9 + 4 \cdot 37^{10} + 18 \cdot 37^{11} + 10 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 21 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 16 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1) = 31 \cdot 37^9 + 35 \cdot 37^{10} + 23 \cdot 37^{11} + 22 \cdot 37^{12} + 32 \cdot 37^{13} + 4 \cdot 37^{14} + 4 \cdot 37^{15} + 10 \cdot 37^{16} + 28 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 5) = 16 \cdot 37^9 + 37^{10} + 26 \cdot 37^{11} + 2 \cdot 37^{12} + 5 \cdot 37^{13} + 18 \cdot 37^{14} + 30 \cdot 37^{15} + 7 \cdot 37^{16} + 24 \cdot 37^{17} + 35 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 4, 1) = 27 \cdot 37^9 + 18 \cdot 37^{10} + 32 \cdot 37^{11} + 15 \cdot 37^{12} + 4 \cdot 37^{13} + 10 \cdot 37^{14} + 22 \cdot 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 16 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 2) = 4 \cdot 37^9 + 28 \cdot 37^{10} + 9 \cdot 37^{11} + 17 \cdot 37^{12} + 25 \cdot 37^{13} + 18 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 32 \cdot 37^{17} + 36 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 1) = 36 \cdot 37^9 + 5 \cdot 37^{10} + 11 \cdot 37^{11} + 34 \cdot 37^{12} + 20 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 28 \cdot 37^{16} + 24 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 3) = 12 \cdot 37^9 + 33 \cdot 37^{10} + 8 \cdot 37^{11} + 4 \cdot 37^{12} + 5 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{15} + 23 \cdot 37^{16} + 5 \cdot 37^{17} + 34 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 1) = 5 \cdot 37^9 + 19 \cdot 37^{10} + 5 \cdot 37^{11} + 21 \cdot 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 18 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 2) = 24 \cdot 37^9 + 34 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 22 \cdot 37^{13} + 10 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1) = 29 \cdot 37^9 + 11 \cdot 37^{10} + 31 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 4) = 8 \cdot 37^9 + 5 \cdot 37^{10} + 16 \cdot 37^{11} + 22 \cdot 37^{12} + 26 \cdot 37^{13} + 7 \cdot 37^{14} + 22 \cdot 37^{15} + 22 \cdot 37^{16} + 23 \cdot 37^{17} + 36 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 1) = 16 \cdot 37^9 + 2 \cdot 37^{10} + 2 \cdot 37^{11} + 30 \cdot 37^{12} + 21 \cdot 37^{13} + 16 \cdot 37^{14} + 17 \cdot 37^{15} + 26 \cdot 37^{16} + 14 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 2) = 35 \cdot 37^9 + 27 \cdot 37^{10} + 31 \cdot 37^{11} + 22 \cdot 37^{12} + 35 \cdot 37^{13} + 32 \cdot 37^{14} + 16 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 24 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1) = 16 \cdot 37^9 + 13 \cdot 37^{10} + 11 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 24 \cdot 37^{16} + 32 \cdot 37^{17} + 20 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 3) = 31 \cdot 37^9 + 24 \cdot 37^{10} + 25 \cdot 37^{11} + 4 \cdot 37^{12} + 21 \cdot 37^{13} + 23 \cdot 37^{14} + 6 \cdot 37^{15} + 26 \cdot 37^{16} + 37^{17} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1) = 14 \cdot 37^9 + 26 \cdot 37^{10} + 18 \cdot 37^{11} + 30 \cdot 37^{12} + 18 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 2 \cdot 37^{16} + 25 \cdot 37^{17} + 27 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2) = 28 \cdot 37^9 + 21 \cdot 37^{10} + 12 \cdot 37^{11} + 7 \cdot 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 27 \cdot 37^{15} + 14 \cdot 37^{16} + 31 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1) = 29 \cdot 37^9 + 11 \cdot 37^{10} + 31 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 7) = 32 \cdot 37^9 + 27 \cdot 37^{10} + 10 \cdot 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 34 \cdot 37^{14} + 13 \cdot 37^{15} + 31 \cdot 37^{16} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 6, 1) = 15 \cdot 37^9 + 8 \cdot 37^{10} + 9 \cdot 37^{11} + 25 \cdot 37^{12} + 7 \cdot 37^{13} + 20 \cdot 37^{14} + 32 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 24 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 5, 2) = 27 \cdot 37^9 + 30 \cdot 37^{10} + 23 \cdot 37^{11} + 9 \cdot 37^{12} + 12 \cdot 37^{13} + 26 \cdot 37^{14} + 3 \cdot 37^{15} + 17 \cdot 37^{16} + 36 \cdot 37^{17} + 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 5, 1, 1) = 37^9 + 12 \cdot 37^{10} + 36 \cdot 37^{11} + 9 \cdot 37^{12} + 24 \cdot 37^{13} + 15 \cdot 37^{14} + 17 \cdot 37^{15} + 26 \cdot 37^{16} + 5 \cdot 37^{17} + 26 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 3) = 8 \cdot 37^9 + 5 \cdot 37^{10} + 16 \cdot 37^{11} + 22 \cdot 37^{12} + 26 \cdot 37^{13} + 7 \cdot 37^{14} + 22 \cdot 37^{15} + 22 \cdot 37^{16} + 23 \cdot 37^{17} + 36 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 2, 1) = 12 \cdot 37^9 + 8 \cdot 37^{10} + 6 \cdot 37^{11} + 29 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 11 \cdot 37^{15} + 24 \cdot 37^{16} + 2 \cdot 37^{17} + 23 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 2) = 27 \cdot 37^9 + 33 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 22 \cdot 37^{13} + 11 \cdot 37^{14} + 30 \cdot 37^{16} + 3 \cdot 37^{17} + 25 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 1) = 11 \cdot 37^9 + 12 \cdot 37^{10} + 31 \cdot 37^{11} + 26 \cdot 37^{12} + 18 \cdot 37^{13} + 32 \cdot 37^{14} + 11 \cdot 37^{15} + 9 \cdot 37^{16} + 28 \cdot 37^{17} + 27 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 4) = 27 \cdot 37^9 + 29 \cdot 37^{10} + 3 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 6 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 3, 1) = 9 \cdot 37^9 + 25 \cdot 37^{10} + 18 \cdot 37^{11} + 12 \cdot 37^{12} + 3 \cdot 37^{13} + 14 \cdot 37^{14} + 19 \cdot 37^{15} + 5 \cdot 37^{16} + 19 \cdot 37^{17} + 5 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 2) = 29 \cdot 37^9 + 16 \cdot 37^{10} + 15 \cdot 37^{11} + 14 \cdot 37^{12} + 8 \cdot 37^{13} + 20 \cdot 37^{14} + 15 \cdot 37^{16} + 20 \cdot 37^{17} + 36 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 1) = 6 \cdot 37^9 + 30 \cdot 37^{10} + 20 \cdot 37^{11} + 26 \cdot 37^{12} + 25 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 31 \cdot 37^{16} + 22 \cdot 37^{17} + 29 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 3) = 3 \cdot 37^9 + 22 \cdot 37^{10} + 12 \cdot 37^{11} + 7 \cdot 37^{12} + 24 \cdot 37^{13} + 6 \cdot 37^{14} + 19 \cdot 37^{15} + 8 \cdot 37^{16} + 16 \cdot 37^{17} + 18 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 1) = 33 \cdot 37^9 + 3 \cdot 37^{10} + 28 \cdot 37^{11} + 22 \cdot 37^{12} + 14 \cdot 37^{13} + 22 \cdot 37^{14} + 10 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 17 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 2) = 3 \cdot 37^{10} + 15 \cdot 37^{11} + 21 \cdot 37^{12} + 5 \cdot 37^{13} + 21 \cdot 37^{14} + 16 \cdot 37^{15} + 29 \cdot 37^{16} + 13 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1) = 23 \cdot 37^9 + 31 \cdot 37^{10} + 15 \cdot 37^{11} + 2 \cdot 37^{12} + 35 \cdot 37^{13} + 12 \cdot 37^{15} + 25 \cdot 37^{16} + 15 \cdot 37^{17} + 2 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 5) = 4 \cdot 37^9 + 22 \cdot 37^{10} + 28 \cdot 37^{11} + 25 \cdot 37^{12} + 25 \cdot 37^{13} + 4 \cdot 37^{14} + 33 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 4, 1) = 18 \cdot 37^9 + 31 \cdot 37^{10} + 28 \cdot 37^{11} + 10 \cdot 37^{12} + 10 \cdot 37^{13} + 27 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 32 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 2) = 20 \cdot 37^9 + 23 \cdot 37^{10} + 12 \cdot 37^{11} + 8 \cdot 37^{12} + 19 \cdot 37^{13} + 24 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 37^{17} + 21 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 1) = 34 \cdot 37^9 + 13 \cdot 37^{11} + 9 \cdot 37^{12} + 3 \cdot 37^{13} + 9 \cdot 37^{14} + 19 \cdot 37^{15} + 2 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 3) = 3 \cdot 37^9 + 19 \cdot 37^{10} + 21 \cdot 37^{11} + 21 \cdot 37^{12} + 30 \cdot 37^{13} + 27 \cdot 37^{14} + 4 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 1) = 15 \cdot 37^9 + 31 \cdot 37^{10} + 9 \cdot 37^{11} + 14 \cdot 37^{13} + 14 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 15 \cdot 37^{17} + 23 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 2) = 18 \cdot 37^9 + 29 \cdot 37^{10} + 22 \cdot 37^{11} + 7 \cdot 37^{12} + 34 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1) = 37^9 + 6 \cdot 37^{10} + 21 \cdot 37^{11} + 17 \cdot 37^{12} + 15 \cdot 37^{13} + 29 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 22 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 4) = 27 \cdot 37^9 + 29 \cdot 37^{10} + 3 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 6 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 1) = 20 \cdot 37^9 + 36 \cdot 37^{10} + 14 \cdot 37^{12} + 23 \cdot 37^{13} + 15 \cdot 37^{14} + 12 \cdot 37^{15} + 6 \cdot 37^{16} + 24 \cdot 37^{17} + 20 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 2) = 9 \cdot 37^9 + 4 \cdot 37^{10} + 9 \cdot 37^{11} + 29 \cdot 37^{12} + 20 \cdot 37^{13} + 23 \cdot 37^{14} + 27 \cdot 37^{15} + 13 \cdot 37^{16} + 15 \cdot 37^{17} + 10 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1) = 29 \cdot 37^9 + 11 \cdot 37^{10} + 31 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 3) = 28 \cdot 37^9 + 30 \cdot 37^{10} + 3 \cdot 37^{11} + 13 \cdot 37^{12} + 14 \cdot 37^{13} + 37^{14} + 29 \cdot 37^{15} + 13 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1) = 20 \cdot 37^9 + 17 \cdot 37^{10} + 4 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 29 \cdot 37^{16} + 18 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2) = 35 \cdot 37^9 + 28 \cdot 37^{10} + 9 \cdot 37^{11} + 2 \cdot 37^{12} + 10 \cdot 37^{13} + 2 \cdot 37^{14} + 37^{15} + 24 \cdot 37^{16} + 25 \cdot 37^{17} + 13 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1) = 16 \cdot 37^9 + 13 \cdot 37^{10} + 11 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 24 \cdot 37^{16} + 32 \cdot 37^{17} + 20 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 6) = 26 \cdot 37^9 + 3 \cdot 37^{10} + 35 \cdot 37^{11} + 24 \cdot 37^{12} + 34 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 26 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 5, 1) = 36 \cdot 37^9 + 23 \cdot 37^{10} + 14 \cdot 37^{11} + 37^{13} + 37^{14} + 35 \cdot 37^{15} + 7 \cdot 37^{16} + 11 \cdot 37^{17} + 29 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 2) = 36 \cdot 37^9 + 7 \cdot 37^{10} + 14 \cdot 37^{11} + 31 \cdot 37^{12} + 16 \cdot 37^{13} + 11 \cdot 37^{14} + 32 \cdot 37^{15} + 25 \cdot 37^{16} + 19 \cdot 37^{17} + 13 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 1) = 28 \cdot 37^9 + 10 \cdot 37^{10} + 14 \cdot 37^{11} + 26 \cdot 37^{12} + 15 \cdot 37^{13} + 33 \cdot 37^{14} + 29 \cdot 37^{15} + 30 \cdot 37^{16} + 4 \cdot 37^{17} + 33 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 3) = 16 \cdot 37^9 + 37^{10} + 26 \cdot 37^{11} + 2 \cdot 37^{12} + 5 \cdot 37^{13} + 18 \cdot 37^{14} + 30 \cdot 37^{15} + 7 \cdot 37^{16} + 24 \cdot 37^{17} + 35 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 1) = 23 \cdot 37^9 + 30 \cdot 37^{10} + 3 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 21 \cdot 37^{15} + 30 \cdot 37^{16} + 5 \cdot 37^{17} + 35 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 2) = 15 \cdot 37^9 + 26 \cdot 37^{10} + 3 \cdot 37^{11} + 4 \cdot 37^{12} + 2 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 23 \cdot 37^{16} + 21 \cdot 37^{17} + 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1) = 23 \cdot 37^9 + 31 \cdot 37^{10} + 15 \cdot 37^{11} + 2 \cdot 37^{12} + 35 \cdot 37^{13} + 12 \cdot 37^{15} + 25 \cdot 37^{16} + 15 \cdot 37^{17} + 2 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 4) = 4 \cdot 37^9 + 22 \cdot 37^{10} + 28 \cdot 37^{11} + 25 \cdot 37^{12} + 25 \cdot 37^{13} + 4 \cdot 37^{14} + 33 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 1) = 34 \cdot 37^9 + 28 \cdot 37^{10} + 36 \cdot 37^{11} + 15 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 4 \cdot 37^{16} + 29 \cdot 37^{17} + 4 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 2) = 29 \cdot 37^9 + 30 \cdot 37^{10} + 27 \cdot 37^{11} + 27 \cdot 37^{12} + 33 \cdot 37^{13} + 33 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 31 \cdot 37^{17} + 33 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1) = 31 \cdot 37^9 + 35 \cdot 37^{10} + 23 \cdot 37^{11} + 22 \cdot 37^{12} + 32 \cdot 37^{13} + 4 \cdot 37^{14} + 4 \cdot 37^{15} + 10 \cdot 37^{16} + 28 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 3) = 18 \cdot 37^9 + 31 \cdot 37^{10} + 3 \cdot 37^{11} + 7 \cdot 37^{12} + 15 \cdot 37^{13} + 35 \cdot 37^{14} + 32 \cdot 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1) = 26 \cdot 37^9 + 8 \cdot 37^{10} + 27 \cdot 37^{11} + 17 \cdot 37^{12} + 3 \cdot 37^{13} + 28 \cdot 37^{14} + 25 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2) = 34 \cdot 37^9 + 12 \cdot 37^{10} + 35 \cdot 37^{11} + 37^{13} + 32 \cdot 37^{14} + 17 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{17} + 23 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1) = 17 \cdot 37^9 + 29 \cdot 37^{10} + 22 \cdot 37^{11} + 33 \cdot 37^{12} + 4 \cdot 37^{14} + 7 \cdot 37^{15} + 6 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 5) = 26 \cdot 37^9 + 3 \cdot 37^{10} + 35 \cdot 37^{11} + 24 \cdot 37^{12} + 34 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 26 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 1) = 7 \cdot 37^9 + 28 \cdot 37^{10} + 23 \cdot 37^{11} + 22 \cdot 37^{12} + 16 \cdot 37^{13} + 9 \cdot 37^{14} + 32 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 2) = 28 \cdot 37^9 + 6 \cdot 37^{10} + 7 \cdot 37^{12} + 21 \cdot 37^{13} + 11 \cdot 37^{14} + 3 \cdot 37^{15} + 18 \cdot 37^{16} + 13 \cdot 37^{17} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1) = 17 \cdot 37^9 + 3 \cdot 37^{10} + 30 \cdot 37^{11} + 8 \cdot 37^{12} + 24 \cdot 37^{13} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 21 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 3) = 32 \cdot 37^9 + 19 \cdot 37^{10} + 22 \cdot 37^{11} + 10 \cdot 37^{12} + 18 \cdot 37^{13} + 28 \cdot 37^{14} + 28 \cdot 37^{15} + 12 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1) = 29 \cdot 37^9 + 11 \cdot 37^{10} + 31 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2) = 4 \cdot 37^9 + 20 \cdot 37^{10} + 32 \cdot 37^{11} + 32 \cdot 37^{12} + 20 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 21 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1) = 16 \cdot 37^9 + 13 \cdot 37^{10} + 11 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 24 \cdot 37^{16} + 32 \cdot 37^{17} + 20 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 4) = 32 \cdot 37^9 + 27 \cdot 37^{10} + 10 \cdot 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 34 \cdot 37^{14} + 13 \cdot 37^{15} + 31 \cdot 37^{16} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1) = 8 \cdot 37^9 + 9 \cdot 37^{10} + 3 \cdot 37^{11} + 12 \cdot 37^{12} + 31 \cdot 37^{13} + 29 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 3 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2) = 16 \cdot 37^{10} + 2 \cdot 37^{11} + 4 \cdot 37^{12} + 20 \cdot 37^{13} + 5 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 33 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1) = 29 \cdot 37^9 + 11 \cdot 37^{10} + 31 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3) = 20 \cdot 37^9 + 17 \cdot 37^{10} + 4 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 29 \cdot 37^{16} + 18 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1) = 34 \cdot 37^9 + 37^{10} + 28 \cdot 37^{11} + 25 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 14 \cdot 37^{16} + 36 \cdot 37^{17} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2) = 5 \cdot 37^9 + 32 \cdot 37^{10} + 28 \cdot 37^{11} + 33 \cdot 37^{12} + 25 \cdot 37^{13} + 2 \cdot 37^{14} + 18 \cdot 37^{15} + 7 \cdot 37^{16} + 23 \cdot 37^{17} + 36 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20})
 \end{aligned}$$

## 12.11. weight 10 case.

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 0]) = \zeta_{37}(10) = O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 1]) = \zeta_{37}(9, 1) = 9 \cdot 37^{10} + 32 \cdot 37^{11} + 6 \cdot 37^{12} + 17 \cdot 37^{13} + 9 \cdot 37^{14} + 24 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 3 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) = \zeta_{37}(8, 2) = 3 \cdot 37^{10} + 31 \cdot 37^{11} + 29 \cdot 37^{12} + 36 \cdot 37^{13} + 17 \cdot 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) = \zeta_{37}(8, 1, 1) = 26 \cdot 37^{10} + 29 \cdot 37^{11} + 9 \cdot 37^{12} + 25 \cdot 37^{13} + 8 \cdot 37^{14} + 7 \cdot 37^{15} + 6 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) = \zeta_{37}(7, 3) = 28 \cdot 37^{10} + 30 \cdot 37^{11} + 27 \cdot 37^{12} + 33 \cdot 37^{13} + 21 \cdot 37^{14} + 20 \cdot 37^{15} + 5 \cdot 37^{16} + 11 \cdot 37^{17} + 36 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) = \zeta_{37}(7, 2, 1) = 34 \cdot 37^{10} + 16 \cdot 37^{11} + 20 \cdot 37^{12} + 15 \cdot 37^{13} + 37^{14} + 27 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 18 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) = \zeta_{37}(7, 1, 2) = 6 \cdot 37^{10} + 23 \cdot 37^{11} + 24 \cdot 37^{12} + 12 \cdot 37^{13} + 11 \cdot 37^{14} + 5 \cdot 37^{15} + 22 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) = \zeta_{37}(7, 1, 1, 1) = 3 \cdot 37^{10} + 20 \cdot 37^{11} + 9 \cdot 37^{12} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 16 \cdot 37^{15} + 37^{16} + 36 \cdot 37^{17} + 4 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) = \zeta_{37}(6, 4) = 18 \cdot 37^{10} + 37^{11} + 31 \cdot 37^{12} + 7 \cdot 37^{13} + 9 \cdot 37^{14} + 25 \cdot 37^{15} + 20 \cdot 37^{16} + 27 \cdot 37^{17} + 34 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) = \zeta_{37}(6, 3, 1) = 28 \cdot 37^{10} + 2 \cdot 37^{11} + 22 \cdot 37^{12} + 5 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 6 \cdot 37^{16} + 5 \cdot 37^{17} + 5 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) = \zeta_{37}(6, 2, 2) = 14 \cdot 37^{10} + 7 \cdot 37^{11} + 18 \cdot 37^{12} + 19 \cdot 37^{13} + 35 \cdot 37^{14} + 6 \cdot 37^{15} + 16 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) = \zeta_{37}(6, 2, 1, 1) = 28 \cdot 37^{10} + 24 \cdot 37^{11} + 37^{12} + 16 \cdot 37^{13} + 2 \cdot 37^{14} + 26 \cdot 37^{15} + 37^{16} + 17 \cdot 37^{17} + 19 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) = \zeta_{37}(6, 1, 3) = 5 \cdot 37^{10} + 10 \cdot 37^{11} + 2 \cdot 37^{12} + 26 \cdot 37^{13} + 30 \cdot 37^{14} + 6 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) = \zeta_{37}(6, 1, 2, 1) = 7 \cdot 37^{10} + 29 \cdot 37^{11} + 30 \cdot 37^{12} + 4 \cdot 37^{13} + 23 \cdot 37^{14} + 4 \cdot 37^{15} + 27 \cdot 37^{16} + 37^{17} + 24 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) = \zeta_{37}(6, 1, 1, 2) = 31 \cdot 37^{10} + 12 \cdot 37^{11} + 30 \cdot 37^{12} + 36 \cdot 37^{13} + 5 \cdot 37^{14} + 25 \cdot 37^{15} + 9 \cdot 37^{16} + 32 \cdot 37^{17} + 30 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) = \zeta_{37}(6, 1, 1, 1, 1) = 3 \cdot 37^{10} + 34 \cdot 37^{11} + 35 \cdot 37^{12} + 17 \cdot 37^{13} + 7 \cdot 37^{14} + 10 \cdot 37^{15} + 23 \cdot 37^{16} + 10 \cdot 37^{17} + 31 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) = \zeta_{37}(5, 5) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) = \zeta_{37}(5, 4, 1) = 36 \cdot 37^{10} + 21 \cdot 37^{11} + 2 \cdot 37^{12} + 16 \cdot 37^{13} + 7 \cdot 37^{14} + 34 \cdot 37^{15} + 21 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) = \zeta_{37}(5, 3, 2) = 23 \cdot 37^{10} + 26 \cdot 37^{11} + 17 \cdot 37^{12} + 10 \cdot 37^{13} + 2 \cdot 37^{14} + 15 \cdot 37^{15} + 20 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) = \zeta_{37}(5, 3, 1, 1) = 27 \cdot 37^{10} + 24 \cdot 37^{11} + 33 \cdot 37^{12} + 13 \cdot 37^{13} + 13 \cdot 37^{14} + 7 \cdot 37^{15} + 24 \cdot 37^{16} + 35 \cdot 37^{17} + 31 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) = \zeta_{37}(5, 2, 3) = 9 \cdot 37^{10} + 7 \cdot 37^{11} + 28 \cdot 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 5 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) = \zeta_{37}(5, 2, 2, 1) = 31 \cdot 37^{10} + 24 \cdot 37^{11} + 20 \cdot 37^{12} + 26 \cdot 37^{13} + 6 \cdot 37^{14} + 29 \cdot 37^{15} + 36 \cdot 37^{16} + 29 \cdot 37^{17} + 23 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) = \zeta_{37}(5, 2, 1, 2) = 31 \cdot 37^{10} + 8 \cdot 37^{11} + 30 \cdot 37^{12} + 35 \cdot 37^{13} + 13 \cdot 37^{14} + 30 \cdot 37^{15} + 34 \cdot 37^{16} + 19 \cdot 37^{17} + 26 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) = \zeta_{37}(5, 2, 1, 1, 1) = 35 \cdot 37^{11} + 16 \cdot 37^{12} + 18 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 37^{16} + 23 \cdot 37^{17} + 7 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) = \zeta_{37}(5, 1, 4) = 26 \cdot 37^{10} + 3 \cdot 37^{11} + 3 \cdot 37^{12} + 10 \cdot 37^{13} + 37^{14} + 31 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) = \zeta_{37}(5, 1, 3, 1) = 36 \cdot 37^{10} + 14 \cdot 37^{11} + 13 \cdot 37^{12} + 27 \cdot 37^{13} + 3 \cdot 37^{14} + 31 \cdot 37^{15} + 27 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) = \zeta_{37}(5, 1, 2, 2) = 12 \cdot 37^{10} + 12 \cdot 37^{11} + 17 \cdot 37^{12} + 37^{13} + 28 \cdot 37^{14} + 14 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) = \zeta_{37}(5, 1, 2, 1, 1) = 28 \cdot 37^{10} + 11 \cdot 37^{11} + 2 \cdot 37^{12} + 27 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 6 \cdot 37^{16} + 22 \cdot 37^{17} + 8 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) = \zeta_{37}(5, 1, 1, 3) = 18 \cdot 37^{11} + 15 \cdot 37^{12} + 21 \cdot 37^{13} + 27 \cdot 37^{14} + 12 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 8 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) = \zeta_{37}(5, 1, 1, 2, 1) = 15 \cdot 37^{10} + 13 \cdot 37^{11} + 18 \cdot 37^{12} + 24 \cdot 37^{13} + 34 \cdot 37^{14} + 31 \cdot 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) = \zeta_{37}(5, 1, 1, 1, 2) = 14 \cdot 37^{10} + 17 \cdot 37^{11} + 14 \cdot 37^{12} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 18 \cdot 37^{16} + 33 \cdot 37^{17} + 7 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20})$$

$$\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) = \zeta_{37}(5, 1, 1, 1, 1, 1) = 22 \cdot 37^{10} + 6 \cdot 37^{11} + 22 \cdot 37^{12} + 20 \cdot 37^{13} + 25 \cdot 37^{14} + 35 \cdot 37^{15} + 32 \cdot 37^{16} + 30 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20})$$

$$\begin{aligned}
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 6) = 19 \cdot 37^{10} + 35 \cdot 37^{11} + 5 \cdot 37^{12} + 29 \cdot 37^{13} + 27 \cdot 37^{14} + 11 \cdot 37^{15} + 16 \cdot 37^{16} + 9 \cdot 37^{17} + 2 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(4, 5, 1) = 3 \cdot 37^{10} + 16 \cdot 37^{11} + 9 \cdot 37^{12} + 6 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 4 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 4, 2) = 16 \cdot 37^{10} + 7 \cdot 37^{11} + 36 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 23 \cdot 37^{15} + 3 \cdot 37^{16} + 25 \cdot 37^{17} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 4, 1, 1) = 28 \cdot 37^{10} + 20 \cdot 37^{11} + 23 \cdot 37^{12} + 6 \cdot 37^{13} + 26 \cdot 37^{14} + 15 \cdot 37^{15} + 9 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 3, 3) = 4 \cdot 37^{10} + 13 \cdot 37^{11} + 4 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 23 \cdot 37^{15} + 25 \cdot 37^{16} + 25 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 3, 2, 1) = 27 \cdot 37^{10} + 29 \cdot 37^{11} + 35 \cdot 37^{12} + 24 \cdot 37^{13} + 13 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 4 \cdot 37^{17} + 30 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 3, 1, 2) = 12 \cdot 37^{10} + 26 \cdot 37^{11} + 13 \cdot 37^{12} + 32 \cdot 37^{13} + 8 \cdot 37^{14} + 12 \cdot 37^{15} + 22 \cdot 37^{16} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 3, 1, 1, 1) = 22 \cdot 37^{10} + 23 \cdot 37^{11} + 31 \cdot 37^{12} + 30 \cdot 37^{13} + 28 \cdot 37^{14} + 11 \cdot 37^{16} + 14 \cdot 37^{17} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 2, 4) = 20 \cdot 37^{10} + 29 \cdot 37^{11} + 2 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 29 \cdot 37^{17} + 19 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 2, 3, 1) = 6 \cdot 37^{10} + 12 \cdot 37^{11} + 37^{12} + 6 \cdot 37^{13} + 5 \cdot 37^{14} + 22 \cdot 37^{15} + 11 \cdot 37^{16} + 32 \cdot 37^{17} + 10 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 2, 2, 2) = 12 \cdot 37^{10} + 22 \cdot 37^{11} + 7 \cdot 37^{12} + 13 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 7 \cdot 37^{17} + 24 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 2, 2, 1, 1) = 35 \cdot 37^{10} + 7 \cdot 37^{11} + 21 \cdot 37^{12} + 26 \cdot 37^{13} + 8 \cdot 37^{14} + 8 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 17 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 2, 1, 3) = 25 \cdot 37^{10} + 3 \cdot 37^{11} + 32 \cdot 37^{12} + 20 \cdot 37^{13} + 32 \cdot 37^{14} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 8 \cdot 37^{17} + 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 2, 1, 2, 1) = 23 \cdot 37^{10} + 22 \cdot 37^{11} + 4 \cdot 37^{12} + 25 \cdot 37^{13} + 23 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 2, 1, 1, 2) = 16 \cdot 37^{10} + 16 \cdot 37^{11} + 8 \cdot 37^{12} + 28 \cdot 37^{13} + 6 \cdot 37^{14} + 32 \cdot 37^{15} + 32 \cdot 37^{16} + 28 \cdot 37^{17} + 21 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 2, 1, 1, 1, 1) = 22 \cdot 37^{10} + 16 \cdot 37^{11} + 23 \cdot 37^{12} + 16 \cdot 37^{13} + 17 \cdot 37^{14} + 9 \cdot 37^{15} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 5) = 7 \cdot 37^{10} + 5 \cdot 37^{11} + 33 \cdot 37^{12} + 6 \cdot 37^{13} + 13 \cdot 37^{14} + 22 \cdot 37^{15} + 15 \cdot 37^{16} + 31 \cdot 37^{17} + 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 4, 1) = 27 \cdot 37^{10} + 36 \cdot 37^{12} + 11 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 5 \cdot 37^{16} + 28 \cdot 37^{17} + 4 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 3, 2) = 36 \cdot 37^{10} + 35 \cdot 37^{11} + 5 \cdot 37^{12} + 10 \cdot 37^{13} + 30 \cdot 37^{14} + 2 \cdot 37^{15} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 27 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 3, 1, 1) = 4 \cdot 37^{10} + 9 \cdot 37^{11} + 31 \cdot 37^{12} + 31 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 3 \cdot 37^{17} + 34 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 2, 3) = 17 \cdot 37^{10} + 23 \cdot 37^{11} + 13 \cdot 37^{12} + 34 \cdot 37^{13} + 5 \cdot 37^{14} + 2 \cdot 37^{15} + 8 \cdot 37^{16} + 32 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 2, 2, 1) = 17 \cdot 37^{10} + 2 \cdot 37^{11} + 17 \cdot 37^{12} + 28 \cdot 37^{13} + 30 \cdot 37^{14} + 19 \cdot 37^{15} + 28 \cdot 37^{16} + 16 \cdot 37^{17} + 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 2, 1, 2) = 10 \cdot 37^{10} + 36 \cdot 37^{11} + 3 \cdot 37^{12} + 8 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 2, 1, 1, 1) = 16 \cdot 37^{10} + 28 \cdot 37^{11} + 31 \cdot 37^{13} + 12 \cdot 37^{14} + 9 \cdot 37^{15} + 30 \cdot 37^{16} + 33 \cdot 37^{17} + 20 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 4) = 29 \cdot 37^{10} + 17 \cdot 37^{11} + 12 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 20 \cdot 37^{15} + 22 \cdot 37^{16} + 14 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 3, 1) = 2 \cdot 37^{10} + 20 \cdot 37^{11} + 25 \cdot 37^{12} + 7 \cdot 37^{13} + 4 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 4 \cdot 37^{17} + 26 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 2, 2) = 17 \cdot 37^{10} + 25 \cdot 37^{11} + 36 \cdot 37^{12} + 31 \cdot 37^{13} + 33 \cdot 37^{14} + 7 \cdot 37^{15} + 12 \cdot 37^{17} + 35 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 2, 1, 1) = 10 \cdot 37^{10} + 31 \cdot 37^{11} + 33 \cdot 37^{12} + 34 \cdot 37^{13} + 3 \cdot 37^{14} + 11 \cdot 37^{15} + 9 \cdot 37^{16} + 29 \cdot 37^{17} + 25 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 3) = 17 \cdot 37^{10} + 30 \cdot 37^{11} + 29 \cdot 37^{12} + 26 \cdot 37^{13} + 10 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{16} + 15 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 2, 1) = 24 \cdot 37^{10} + 26 \cdot 37^{11} + 28 \cdot 37^{12} + 31 \cdot 37^{13} + 20 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 4 \cdot 37^{17} + 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 2) = 31 \cdot 37^{10} + 12 \cdot 37^{11} + 30 \cdot 37^{12} + 36 \cdot 37^{13} + 5 \cdot 37^{14} + 25 \cdot 37^{15} + 9 \cdot 37^{16} + 32 \cdot 37^{17} + 30 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 1) = 4 \cdot 37^{10} + 2 \cdot 37^{11} + 19 \cdot 37^{12} + 37^{13} + 4 \cdot 37^{14} + 30 \cdot 37^{15} + 20 \cdot 37^{16} + 16 \cdot 37^{17} + 27 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 7) = 18 \cdot 37^{10} + 37^{11} + 37^{12} + 33 \cdot 37^{13} + 2 \cdot 37^{14} + 19 \cdot 37^{15} + 32 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 6, 1) = 15 \cdot 37^{10} + 9 \cdot 37^{11} + 7 \cdot 37^{12} + 9 \cdot 37^{13} + 25 \cdot 37^{14} + 30 \cdot 37^{15} + 9 \cdot 37^{16} + 15 \cdot 37^{17} + 31 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 5, 2) = 18 \cdot 37^{10} + 35 \cdot 37^{11} + 12 \cdot 37^{12} + 10 \cdot 37^{13} + 9 \cdot 37^{15} + 9 \cdot 37^{16} + 15 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 5, 1, 1) = 16 \cdot 37^{10} + 7 \cdot 37^{11} + 12 \cdot 37^{12} + 11 \cdot 37^{13} + 36 \cdot 37^{14} + 18 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 22 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 4, 3) = 5 \cdot 37^{10} + 30 \cdot 37^{11} + 29 \cdot 37^{12} + 23 \cdot 37^{13} + 34 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 5 \cdot 37^{17} + 33 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 4, 2, 1) = 26 \cdot 37^{10} + 5 \cdot 37^{11} + 6 \cdot 37^{12} + 28 \cdot 37^{13} + 26 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 15 \cdot 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 4, 1, 2) = 7 \cdot 37^{10} + 27 \cdot 37^{11} + 32 \cdot 37^{12} + 13 \cdot 37^{13} + 24 \cdot 37^{14} + 25 \cdot 37^{15} + 15 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 4, 1, 1, 1) = 31 \cdot 37^{10} + 22 \cdot 37^{12} + 21 \cdot 37^{13} + 5 \cdot 37^{14} + 16 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 3, 4) = 19 \cdot 37^{10} + 35 \cdot 37^{11} + 10 \cdot 37^{12} + 17 \cdot 37^{13} + 2 \cdot 37^{14} + 27 \cdot 37^{15} + 28 \cdot 37^{16} + 34 \cdot 37^{17} + 28 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 3, 3, 1) = 12 \cdot 37^{10} + 30 \cdot 37^{11} + 31 \cdot 37^{12} + 26 \cdot 37^{13} + 30 \cdot 37^{14} + 3 \cdot 37^{15} + 12 \cdot 37^{16} + 14 \cdot 37^{17} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 3, 2, 2) = 12 \cdot 37^{10} + 11 \cdot 37^{11} + 36 \cdot 37^{12} + 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 33 \cdot 37^{16} + 30 \cdot 37^{17} + 5 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 3, 2, 1, 1) = 20 \cdot 37^{10} + 25 \cdot 37^{11} + 5 \cdot 37^{12} + 3 \cdot 37^{13} + 20 \cdot 37^{14} + 10 \cdot 37^{15} + 6 \cdot 37^{16} + 30 \cdot 37^{17} + 7 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 3, 1, 3) = 25 \cdot 37^{10} + 2 \cdot 37^{11} + 27 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{16} + 12 \cdot 37^{17} + 2 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 3, 1, 2, 1) = 32 \cdot 37^{10} + 27 \cdot 37^{11} + 8 \cdot 37^{12} + 7 \cdot 37^{13} + 4 \cdot 37^{14} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 24 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 3, 1, 1, 2) = 10 \cdot 37^{10} + 36 \cdot 37^{11} + 3 \cdot 37^{12} + 8 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 3, 1, 1, 1, 1) = 27 \cdot 37^{10} + 10 \cdot 37^{11} + 35 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 34 \cdot 37^{15} + 10 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 5) = 12 \cdot 37^{10} + 16 \cdot 37^{11} + 36 \cdot 37^{12} + 17 \cdot 37^{13} + 23 \cdot 37^{14} + 20 \cdot 37^{15} + 14 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 4, 1) = 6 \cdot 37^{10} + 3 \cdot 37^{11} + 16 \cdot 37^{12} + 6 \cdot 37^{13} + 25 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 20 \cdot 37^{17} + 17 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 3, 2) = 27 \cdot 37^{10} + 27 \cdot 37^{11} + 34 \cdot 37^{12} + 22 \cdot 37^{13} + 3 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 4 \cdot 37^{17} + 36 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 3, 1, 1) = 32 \cdot 37^{10} + 29 \cdot 37^{11} + 3 \cdot 37^{12} + 17 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 26 \cdot 37^{16} + 12 \cdot 37^{17} + 21 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 2, 3) = 35 \cdot 37^{10} + 13 \cdot 37^{11} + 28 \cdot 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 16 \cdot 37^{16} + 4 \cdot 37^{17} + 34 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 2, 2, 1) = 13 \cdot 37^{10} + 34 \cdot 37^{11} + 7 \cdot 37^{12} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 16 \cdot 37^{16} + 15 \cdot 37^{17} + 21 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 2, 1, 2) = 24 \cdot 37^{10} + 22 \cdot 37^{11} + 35 \cdot 37^{12} + 3 \cdot 37^{13} + 22 \cdot 37^{14} + 32 \cdot 37^{15} + 29 \cdot 37^{16} + 24 \cdot 37^{17} + 11 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 2, 1, 1, 1) = 3 \cdot 37^{10} + 16 \cdot 37^{11} + 21 \cdot 37^{12} + 37^{13} + 22 \cdot 37^{14} + 20 \cdot 37^{15} + 33 \cdot 37^{16} + 36 \cdot 37^{17} + 30 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 4) = 28 \cdot 37^{10} + 29 \cdot 37^{11} + 25 \cdot 37^{12} + 8 \cdot 37^{13} + 32 \cdot 37^{14} + 30 \cdot 37^{15} + 21 \cdot 37^{16} + 22 \cdot 37^{17} + 28 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 3, 1) = 36 \cdot 37^{10} + 2 \cdot 37^{11} + 16 \cdot 37^{12} + 12 \cdot 37^{13} + 2 \cdot 37^{14} + 3 \cdot 37^{15} + 8 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 2, 2) = 27 \cdot 37^{10} + 27 \cdot 37^{11} + 33 \cdot 37^{12} + 31 \cdot 37^{13} + 9 \cdot 37^{14} + 27 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 2, 1, 1) = 30 \cdot 37^{10} + 4 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 31 \cdot 37^{14} + 22 \cdot 37^{15} + 14 \cdot 37^{16} + 31 \cdot 37^{17} + 23 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 3) = 3 \cdot 37^{10} + 32 \cdot 37^{11} + 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 28 \cdot 37^{17} + 11 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 2, 1) = 12 \cdot 37^{10} + 30 \cdot 37^{11} + 37^{12} + 33 \cdot 37^{13} + 26 \cdot 37^{14} + 13 \cdot 37^{15} + 15 \cdot 37^{16} + 5 \cdot 37^{17} + 27 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 2) = 31 \cdot 37^{10} + 8 \cdot 37^{11} + 30 \cdot 37^{12} + 35 \cdot 37^{13} + 13 \cdot 37^{14} + 30 \cdot 37^{15} + 34 \cdot 37^{16} + 19 \cdot 37^{17} + 26 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 1) = 16 \cdot 37^{10} + 12 \cdot 37^{12} + 6 \cdot 37^{13} + 23 \cdot 37^{14} + 16 \cdot 37^{15} + 5 \cdot 37^{16} + 36 \cdot 37^{17} + 16 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 6) = 4 \cdot 37^{10} + 28 \cdot 37^{11} + 36 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{14} + 23 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 5, 1) = 27 \cdot 37^{10} + 32 \cdot 37^{11} + 26 \cdot 37^{12} + 10 \cdot 37^{13} + 11 \cdot 37^{14} + 15 \cdot 37^{15} + 3 \cdot 37^{16} + 34 \cdot 37^{17} + 14 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 4, 2) = 9 \cdot 37^{10} + 29 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 11 \cdot 37^{15} + 28 \cdot 37^{16} + 31 \cdot 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 4, 1, 1) = 3 \cdot 37^{10} + 13 \cdot 37^{11} + 6 \cdot 37^{12} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 27 \cdot 37^{16} + 10 \cdot 37^{17} + 3 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 3, 3) = 27 \cdot 37^{10} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 18 \cdot 37^{14} + 36 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 21 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 3, 2, 1) = 12 \cdot 37^{10} + 37^{11} + 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 32 \cdot 37^{15} + 32 \cdot 37^{16} + 16 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 3, 1, 2) = 14 \cdot 37^{10} + 2 \cdot 37^{11} + 4 \cdot 37^{12} + 22 \cdot 37^{13} + 24 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 14 \cdot 37^{17} + 13 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 3, 1, 1, 1) = 15 \cdot 37^{10} + 32 \cdot 37^{11} + 24 \cdot 37^{12} + 37^{14} + 2 \cdot 37^{15} + 37^{16} + 20 \cdot 37^{17} + 5 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 4) = 18 \cdot 37^{10} + 15 \cdot 37^{11} + 24 \cdot 37^{12} + 21 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 37^{16} + 22 \cdot 37^{17} + 33 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 3, 1) = 2 \cdot 37^{10} + 13 \cdot 37^{11} + 2 \cdot 37^{12} + 14 \cdot 37^{13} + 31 \cdot 37^{14} + 24 \cdot 37^{15} + 24 \cdot 37^{16} + 16 \cdot 37^{17} + 24 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 2, 2) = 19 \cdot 37^{10} + 28 \cdot 37^{11} + 11 \cdot 37^{12} + 2 \cdot 37^{13} + 7 \cdot 37^{14} + 19 \cdot 37^{15} + 13 \cdot 37^{16} + 4 \cdot 37^{17} + 11 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 2, 1, 1) = 12 \cdot 37^{10} + 2 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 23 \cdot 37^{16} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 3) = 26 \cdot 37^{10} + 14 \cdot 37^{11} + 17 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 20 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 2, 1) = 29 \cdot 37^{10} + 7 \cdot 37^{11} + 29 \cdot 37^{12} + 37^{13} + 5 \cdot 37^{14} + 32 \cdot 37^{15} + 5 \cdot 37^{17} + 28 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 2) = 12 \cdot 37^{10} + 26 \cdot 37^{11} + 13 \cdot 37^{12} + 32 \cdot 37^{13} + 8 \cdot 37^{14} + 12 \cdot 37^{15} + 22 \cdot 37^{16} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 1) = 16 \cdot 37^{10} + 35 \cdot 37^{11} + 17 \cdot 37^{12} + 30 \cdot 37^{13} + 12 \cdot 37^{14} + 21 \cdot 37^{15} + 26 \cdot 37^{16} + 30 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 5) = 33 \cdot 37^{10} + 15 \cdot 37^{11} + 6 \cdot 37^{12} + 7 \cdot 37^{13} + 6 \cdot 37^{14} + 23 \cdot 37^{15} + 8 \cdot 37^{16} + 17 \cdot 37^{17} + 25 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 4, 1) = 3 \cdot 37^{10} + 13 \cdot 37^{11} + 31 \cdot 37^{12} + 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 20 \cdot 37^{16} + 17 \cdot 37^{17} + 29 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 3, 2) = 36 \cdot 37^{10} + 21 \cdot 37^{11} + 28 \cdot 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 11 \cdot 37^{16} + 12 \cdot 37^{17} + 30 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 3, 1, 1) = 12 \cdot 37^{10} + 33 \cdot 37^{11} + 4 \cdot 37^{12} + 31 \cdot 37^{13} + 35 \cdot 37^{14} + 33 \cdot 37^{15} + 11 \cdot 37^{16} + 32 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 3) = 25 \cdot 37^{10} + 3 \cdot 37^{11} + 10 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 7 \cdot 37^{17} + 19 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 2, 1) = 34 \cdot 37^{10} + 32 \cdot 37^{11} + 9 \cdot 37^{12} + 34 \cdot 37^{13} + 2 \cdot 37^{14} + 36 \cdot 37^{15} + 36 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 2) = 7 \cdot 37^{10} + 27 \cdot 37^{11} + 32 \cdot 37^{12} + 13 \cdot 37^{13} + 24 \cdot 37^{14} + 25 \cdot 37^{15} + 15 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 1) = 14 \cdot 37^{10} + 18 \cdot 37^{11} + 18 \cdot 37^{12} + 7 \cdot 37^{13} + 9 \cdot 37^{14} + 9 \cdot 37^{15} + 27 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 4) = 10 \cdot 37^{10} + 21 \cdot 37^{11} + 37^{12} + 31 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 3, 1) = 37^{10} + 19 \cdot 37^{11} + 8 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 8 \cdot 37^{17} + 22 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 2) = 37^{10} + 24 \cdot 37^{11} + 2 \cdot 37^{13} + 26 \cdot 37^{14} + 36 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 1) = 33 \cdot 37^{10} + 19 \cdot 37^{11} + 11 \cdot 37^{12} + 21 \cdot 37^{13} + 36 \cdot 37^{14} + 28 \cdot 37^{15} + 33 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 3) = 17 \cdot 37^{10} + 15 \cdot 37^{11} + 11 \cdot 37^{12} + 11 \cdot 37^{13} + 35 \cdot 37^{14} + 36 \cdot 37^{15} + 6 \cdot 37^{16} + 25 \cdot 37^{17} + 36 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 1) = 14 \cdot 37^{10} + 18 \cdot 37^{11} + 14 \cdot 37^{12} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 25 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 2) = 6 \cdot 37^{10} + 23 \cdot 37^{11} + 24 \cdot 37^{12} + 12 \cdot 37^{13} + 11 \cdot 37^{14} + 5 \cdot 37^{15} + 22 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 1) = 36 \cdot 37^{10} + 6 \cdot 37^{11} + 26 \cdot 37^{12} + 10 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{16} + 13 \cdot 37^{17} + 31 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 8) = 34 \cdot 37^{10} + 5 \cdot 37^{11} + 7 \cdot 37^{12} + 19 \cdot 37^{14} + 17 \cdot 37^{15} + 15 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 7, 1) = 34 \cdot 37^{10} + 7 \cdot 37^{11} + 31 \cdot 37^{12} + 31 \cdot 37^{13} + 29 \cdot 37^{14} + 33 \cdot 37^{15} + 8 \cdot 37^{16} + 28 \cdot 37^{17} + 31 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 6, 2) = 25 \cdot 37^{10} + 26 \cdot 37^{11} + 13 \cdot 37^{12} + 27 \cdot 37^{13} + 12 \cdot 37^{14} + 15 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 6, 1, 1) = 23 \cdot 37^{10} + 37^{11} + 14 \cdot 37^{12} + 33 \cdot 37^{13} + 28 \cdot 37^{14} + 27 \cdot 37^{15} + 3 \cdot 37^{16} + 37^{17} + 31 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 5, 3) = 14 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 11 \cdot 37^{13} + 7 \cdot 37^{14} + 18 \cdot 37^{15} + 29 \cdot 37^{16} + 19 \cdot 37^{17} + 35 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 5, 2, 1) = 13 \cdot 37^{10} + 6 \cdot 37^{11} + 25 \cdot 37^{12} + 33 \cdot 37^{13} + 16 \cdot 37^{14} + 36 \cdot 37^{15} + 24 \cdot 37^{16} + 11 \cdot 37^{17} + 16 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 5, 1, 2) = 37^{10} + 24 \cdot 37^{11} + 2 \cdot 37^{13} + 26 \cdot 37^{14} + 36 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 5, 1, 1, 1) = 25 \cdot 37^{10} + 29 \cdot 37^{11} + 23 \cdot 37^{12} + 18 \cdot 37^{13} + 26 \cdot 37^{14} + 16 \cdot 37^{15} + 35 \cdot 37^{16} + 9 \cdot 37^{17} + 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 4, 4) = 37^{10} + 35 \cdot 37^{12} + 6 \cdot 37^{13} + 2 \cdot 37^{14} + 18 \cdot 37^{15} + 19 \cdot 37^{16} + 19 \cdot 37^{17} + 16 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 4, 3, 1) = 31 \cdot 37^{10} + 10 \cdot 37^{11} + 24 \cdot 37^{12} + 32 \cdot 37^{13} + 25 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 2 \cdot 37^{17} + 18 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 4, 2, 2) = 25 \cdot 37^{10} + 36 \cdot 37^{11} + 30 \cdot 37^{12} + 21 \cdot 37^{13} + 19 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 8 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 4, 2, 1, 1) = 26 \cdot 37^{10} + 31 \cdot 37^{11} + 33 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 17 \cdot 37^{15} + 17 \cdot 37^{16} + 24 \cdot 37^{17} + 26 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 4, 1, 3) = 17 \cdot 37^{10} + 19 \cdot 37^{11} + 19 \cdot 37^{12} + 9 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 37^{16} + 28 \cdot 37^{17} + 7 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 4, 1, 2, 1) = 3 \cdot 37^{10} + 37^{11} + 26 \cdot 37^{12} + 18 \cdot 37^{13} + 18 \cdot 37^{14} + 35 \cdot 37^{15} + 25 \cdot 37^{16} + 22 \cdot 37^{17} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 4, 1, 1, 2) = 17 \cdot 37^{10} + 25 \cdot 37^{11} + 36 \cdot 37^{12} + 31 \cdot 37^{13} + 33 \cdot 37^{14} + 7 \cdot 37^{15} + 12 \cdot 37^{17} + 35 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 4, 1, 1, 1, 1) = 34 \cdot 37^{10} + 25 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 14 \cdot 37^{14} + 25 \cdot 37^{15} + 10 \cdot 37^{16} + 30 \cdot 37^{17} + 23 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 5) = 26 \cdot 37^{10} + 20 \cdot 37^{11} + 8 \cdot 37^{12} + 25 \cdot 37^{13} + 25 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 8 \cdot 37^{17} + 21 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 4, 1) = 16 \cdot 37^{10} + 13 \cdot 37^{11} + 16 \cdot 37^{12} + 13 \cdot 37^{13} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 32 \cdot 37^{16} + 8 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 3, 2) = 36 \cdot 37^{12} + 8 \cdot 37^{13} + 6 \cdot 37^{14} + 2 \cdot 37^{15} + 37^{16} + 3 \cdot 37^{17} + 6 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 3, 1, 1) = 11 \cdot 37^{10} + 21 \cdot 37^{12} + 20 \cdot 37^{13} + 33 \cdot 37^{14} + 17 \cdot 37^{15} + 14 \cdot 37^{16} + 22 \cdot 37^{17} + 4 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 2, 3) = 25 \cdot 37^{10} + 37^{11} + 36 \cdot 37^{12} + 17 \cdot 37^{13} + 18 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 2, 2, 1) = 24 \cdot 37^{10} + 11 \cdot 37^{11} + 17 \cdot 37^{12} + 9 \cdot 37^{13} + 3 \cdot 37^{16} + 7 \cdot 37^{17} + 34 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 2, 1, 2) = 27 \cdot 37^{10} + 27 \cdot 37^{11} + 33 \cdot 37^{12} + 31 \cdot 37^{13} + 9 \cdot 37^{14} + 27 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 2, 1, 1, 1) = 4 \cdot 37^{10} + 8 \cdot 37^{11} + 10 \cdot 37^{12} + 2 \cdot 37^{13} + 33 \cdot 37^{14} + 15 \cdot 37^{15} + 27 \cdot 37^{16} + 27 \cdot 37^{17} + 2 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 4) = 7 \cdot 37^{10} + 6 \cdot 37^{11} + 7 \cdot 37^{12} + 33 \cdot 37^{13} + 8 \cdot 37^{14} + 35 \cdot 37^{16} + 33 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 3, 1) = 19 \cdot 37^{10} + 12 \cdot 37^{11} + 20 \cdot 37^{12} + 30 \cdot 37^{13} + 26 \cdot 37^{14} + 37^{15} + 4 \cdot 37^{16} + 23 \cdot 37^{17} + 16 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 2, 2) = 13 \cdot 37^{10} + 3 \cdot 37^{11} + 35 \cdot 37^{12} + 35 \cdot 37^{13} + 36 \cdot 37^{14} + 33 \cdot 37^{15} + 35 \cdot 37^{16} + 34 \cdot 37^{17} + 36 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 2, 1, 1) = 11 \cdot 37^{10} + 26 \cdot 37^{11} + 24 \cdot 37^{12} + 19 \cdot 37^{13} + 3 \cdot 37^{14} + 12 \cdot 37^{15} + 3 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 3) = 10 \cdot 37^{10} + 37^{11} + 9 \cdot 37^{12} + 25 \cdot 37^{13} + 24 \cdot 37^{14} + 8 \cdot 37^{15} + 34 \cdot 37^{16} + 23 \cdot 37^{17} + 3 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 2, 1) = 19 \cdot 37^{10} + 31 \cdot 37^{11} + 31 \cdot 37^{12} + 2 \cdot 37^{13} + 18 \cdot 37^{14} + 26 \cdot 37^{15} + 30 \cdot 37^{16} + 15 \cdot 37^{17} + 9 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 2) = 12 \cdot 37^{10} + 12 \cdot 37^{11} + 17 \cdot 37^{12} + 37^{13} + 28 \cdot 37^{14} + 14 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 1) = 29 \cdot 37^{10} + 25 \cdot 37^{11} + 15 \cdot 37^{12} + 8 \cdot 37^{13} + 11 \cdot 37^{14} + 27 \cdot 37^{15} + 18 \cdot 37^{16} + 6 \cdot 37^{17} + 9 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 6) = 35 \cdot 37^{10} + 2 \cdot 37^{11} + 5 \cdot 37^{12} + 27 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 36 \cdot 37^{16} + 7 \cdot 37^{17} + 21 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 5, 1) = 23 \cdot 37^{10} + 23 \cdot 37^{11} + 29 \cdot 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 29 \cdot 37^{15} + 18 \cdot 37^{16} + 30 \cdot 37^{17} + 9 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 4, 2) = 28 \cdot 37^{10} + 37^{11} + 19 \cdot 37^{12} + 27 \cdot 37^{13} + 31 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 34 \cdot 37^{17} + 35 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 4, 1, 1) = 20 \cdot 37^{10} + 18 \cdot 37^{11} + 3 \cdot 37^{12} + 30 \cdot 37^{13} + 15 \cdot 37^{14} + 10 \cdot 37^{15} + 2 \cdot 37^{16} + 4 \cdot 37^{17} + 23 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 3, 3) = 21 \cdot 37^{10} + 14 \cdot 37^{11} + 20 \cdot 37^{12} + 3 \cdot 37^{13} + 2 \cdot 37^{14} + 14 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 13 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 3, 2, 1) = 33 \cdot 37^{10} + 22 \cdot 37^{11} + 37^{12} + 22 \cdot 37^{13} + 23 \cdot 37^{14} + 14 \cdot 37^{15} + 7 \cdot 37^{16} + 27 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 3, 1, 2) = 19 \cdot 37^{10} + 28 \cdot 37^{11} + 11 \cdot 37^{12} + 2 \cdot 37^{13} + 7 \cdot 37^{14} + 19 \cdot 37^{15} + 13 \cdot 37^{16} + 4 \cdot 37^{17} + 11 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 3, 1, 1, 1) = 26 \cdot 37^{10} + 19 \cdot 37^{11} + 34 \cdot 37^{12} + 34 \cdot 37^{13} + 17 \cdot 37^{14} + 16 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 4) = 9 \cdot 37^{10} + 13 \cdot 37^{11} + 16 \cdot 37^{12} + 11 \cdot 37^{13} + 3 \cdot 37^{14} + 13 \cdot 37^{15} + 9 \cdot 37^{16} + 31 \cdot 37^{17} + 5 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 3, 1) = 5 \cdot 37^{10} + 24 \cdot 37^{11} + 19 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 12 \cdot 37^{15} + 29 \cdot 37^{16} + 4 \cdot 37^{17} + 3 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 2, 2) = O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 2, 1, 1) = 36 \cdot 37^{10} + 17 \cdot 37^{11} + 27 \cdot 37^{12} + 31 \cdot 37^{13} + 23 \cdot 37^{15} + 17 \cdot 37^{16} + 19 \cdot 37^{17} + 14 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 3) = 16 \cdot 37^{10} + 33 \cdot 37^{11} + 25 \cdot 37^{12} + 35 \cdot 37^{13} + 36 \cdot 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 10 \cdot 37^{17} + 35 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 2, 1) = 37^{10} + 12 \cdot 37^{11} + 24 \cdot 37^{13} + 13 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 2) = 12 \cdot 37^{10} + 22 \cdot 37^{11} + 7 \cdot 37^{12} + 13 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 7 \cdot 37^{17} + 24 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 1) = 5 \cdot 37^{10} + 21 \cdot 37^{11} + 33 \cdot 37^{12} + 12 \cdot 37^{13} + 8 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 12 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 5) = 15 \cdot 37^{10} + 28 \cdot 37^{11} + 37^{12} + 24 \cdot 37^{13} + 7 \cdot 37^{14} + 26 \cdot 37^{15} + 11 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 4, 1) = 22 \cdot 37^{10} + 8 \cdot 37^{11} + 19 \cdot 37^{12} + 19 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 3, 2) = 5 \cdot 37^{10} + 34 \cdot 37^{11} + 20 \cdot 37^{12} + 6 \cdot 37^{13} + 8 \cdot 37^{14} + 23 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 3 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 3, 1, 1) = 4 \cdot 37^{10} + 20 \cdot 37^{11} + 6 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 3 \cdot 37^{15} + 6 \cdot 37^{16} + 7 \cdot 37^{17} + 12 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 3) = 17 \cdot 37^{10} + 21 \cdot 37^{11} + 12 \cdot 37^{12} + 13 \cdot 37^{13} + 8 \cdot 37^{15} + 17 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 2, 1) = 36 \cdot 37^{10} + 11 \cdot 37^{11} + 23 \cdot 37^{12} + 24 \cdot 37^{13} + 17 \cdot 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 6 \cdot 37^{17} + 26 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 2) = 12 \cdot 37^{10} + 11 \cdot 37^{11} + 36 \cdot 37^{12} + 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 33 \cdot 37^{16} + 30 \cdot 37^{17} + 5 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 1) = 24 \cdot 37^{10} + 19 \cdot 37^{11} + 12 \cdot 37^{12} + 11 \cdot 37^{13} + 34 \cdot 37^{14} + 19 \cdot 37^{15} + 9 \cdot 37^{16} + 12 \cdot 37^{17} + 24 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 4) = 30 \cdot 37^{10} + 2 \cdot 37^{11} + 23 \cdot 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 3, 1) = 2 \cdot 37^{10} + 29 \cdot 37^{11} + 2 \cdot 37^{12} + 37^{13} + 27 \cdot 37^{14} + 17 \cdot 37^{15} + 15 \cdot 37^{16} + 35 \cdot 37^{17} + 20 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 2) = 25 \cdot 37^{10} + 36 \cdot 37^{11} + 30 \cdot 37^{12} + 21 \cdot 37^{13} + 19 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 8 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 1) = 2 \cdot 37^{10} + 27 \cdot 37^{11} + 17 \cdot 37^{12} + 35 \cdot 37^{13} + 26 \cdot 37^{14} + 32 \cdot 37^{15} + 9 \cdot 37^{16} + 35 \cdot 37^{17} + 14 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 3) = 28 \cdot 37^{10} + 23 \cdot 37^{11} + 15 \cdot 37^{12} + 23 \cdot 37^{13} + 3 \cdot 37^{14} + 16 \cdot 37^{15} + 11 \cdot 37^{16} + 30 \cdot 37^{17} + 4 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 1) = 14 \cdot 37^{10} + 6 \cdot 37^{11} + 2 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 14 \cdot 37^{16} + 4 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 2) = 14 \cdot 37^{10} + 7 \cdot 37^{11} + 18 \cdot 37^{12} + 19 \cdot 37^{13} + 35 \cdot 37^{14} + 6 \cdot 37^{15} + 16 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 1) = 34 \cdot 37^{10} + 16 \cdot 37^{11} + 31 \cdot 37^{12} + 7 \cdot 37^{13} + 15 \cdot 37^{14} + 7 \cdot 37^{15} + 29 \cdot 37^{16} + 8 \cdot 37^{17} + 17 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 7) = 19 \cdot 37^{10} + 20 \cdot 37^{11} + 24 \cdot 37^{12} + 23 \cdot 37^{13} + 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 33 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 6, 1) = 29 \cdot 37^{10} + 3 \cdot 37^{11} + 34 \cdot 37^{12} + 36 \cdot 37^{13} + 24 \cdot 37^{14} + 27 \cdot 37^{15} + 16 \cdot 37^{16} + 34 \cdot 37^{17} + 27 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 5, 2) = 5 \cdot 37^{10} + 18 \cdot 37^{11} + 36 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{14} + 35 \cdot 37^{15} + 5 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 5, 1, 1) = 24 \cdot 37^{10} + 35 \cdot 37^{11} + 22 \cdot 37^{12} + 9 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 27 \cdot 37^{16} + 8 \cdot 37^{17} + 27 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 4, 3) = 18 \cdot 37^{10} + 16 \cdot 37^{11} + 24 \cdot 37^{12} + 10 \cdot 37^{13} + 27 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 27 \cdot 37^{17} + 30 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 4, 2, 1) = 9 \cdot 37^{10} + 36 \cdot 37^{11} + 5 \cdot 37^{12} + 19 \cdot 37^{13} + 29 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 3 \cdot 37^{17} + 13 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 4, 1, 2) = 36 \cdot 37^{10} + 21 \cdot 37^{11} + 28 \cdot 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 11 \cdot 37^{16} + 12 \cdot 37^{17} + 30 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 4, 1, 1, 1) = 13 \cdot 37^{10} + 23 \cdot 37^{11} + 13 \cdot 37^{12} + 19 \cdot 37^{13} + 5 \cdot 37^{14} + 4 \cdot 37^{15} + 29 \cdot 37^{16} + 37^{17} + 14 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 4) = 13 \cdot 37^{10} + 31 \cdot 37^{11} + 22 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 27 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 3, 1) = 15 \cdot 37^{10} + 5 \cdot 37^{11} + 11 \cdot 37^{12} + 37^{13} + 17 \cdot 37^{14} + 27 \cdot 37^{15} + 28 \cdot 37^{16} + 28 \cdot 37^{17} + 20 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 2, 2) = 5 \cdot 37^{10} + 34 \cdot 37^{11} + 20 \cdot 37^{12} + 6 \cdot 37^{13} + 8 \cdot 37^{14} + 23 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 3 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 2, 1, 1) = 35 \cdot 37^{10} + 11 \cdot 37^{11} + 23 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 34 \cdot 37^{16} + 6 \cdot 37^{17} + 5 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 3) = 25 \cdot 37^{10} + 6 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 35 \cdot 37^{14} + 29 \cdot 37^{15} + 17 \cdot 37^{16} + 33 \cdot 37^{17} + 36 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 2, 1) = 6 \cdot 37^{10} + 34 \cdot 37^{11} + 22 \cdot 37^{12} + 3 \cdot 37^{13} + 8 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{17} + 30 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 2) = 36 \cdot 37^{10} + 35 \cdot 37^{11} + 5 \cdot 37^{12} + 10 \cdot 37^{13} + 30 \cdot 37^{14} + 2 \cdot 37^{15} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 27 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 1) = 14 \cdot 37^{10} + 23 \cdot 37^{11} + 19 \cdot 37^{12} + 23 \cdot 37^{13} + 27 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 20 \cdot 37^{17} + 30 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 5) = 24 \cdot 37^{10} + 26 \cdot 37^{11} + 4 \cdot 37^{12} + 24 \cdot 37^{13} + 37^{14} + 31 \cdot 37^{15} + 35 \cdot 37^{16} + 16 \cdot 37^{17} + 29 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 4, 1) = 6 \cdot 37^{10} + 37^{11} + 37^{12} + 18 \cdot 37^{13} + 7 \cdot 37^{14} + 20 \cdot 37^{15} + 25 \cdot 37^{16} + 22 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
&\quad \zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) = \zeta_{37}(2, 1, 2, 3, 2) = O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 3, 1, 1) = 21 \cdot 37^{10} + 5 \cdot 37^{11} + 23 \cdot 37^{12} + 3 \cdot 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 10 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 3) = 15 \cdot 37^{10} + 18 \cdot 37^{11} + 3 \cdot 37^{12} + 17 \cdot 37^{13} + 28 \cdot 37^{14} + 5 \cdot 37^{15} + 23 \cdot 37^{16} + 27 \cdot 37^{17} + 3 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 2, 1) = 5 \cdot 37^{10} + 21 \cdot 37^{11} + 19 \cdot 37^{12} + 31 \cdot 37^{13} + 28 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 29 \cdot 37^{17} + 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 2) = 27 \cdot 37^{10} + 27 \cdot 37^{11} + 34 \cdot 37^{12} + 22 \cdot 37^{13} + 3 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 4 \cdot 37^{17} + 36 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 1) = 3 \cdot 37^{10} + 24 \cdot 37^{11} + 20 \cdot 37^{12} + 9 \cdot 37^{13} + 20 \cdot 37^{14} + 31 \cdot 37^{15} + 15 \cdot 37^{16} + 5 \cdot 37^{17} + 35 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 4) = 34 \cdot 37^{10} + 20 \cdot 37^{11} + 15 \cdot 37^{12} + 4 \cdot 37^{13} + 2 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 30 \cdot 37^{17} + 20 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 3, 1) = 4 \cdot 37^{10} + 12 \cdot 37^{11} + 14 \cdot 37^{12} + 14 \cdot 37^{13} + 22 \cdot 37^{14} + 30 \cdot 37^{15} + 14 \cdot 37^{16} + 3 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 2) = 36 \cdot 37^{12} + 8 \cdot 37^{13} + 6 \cdot 37^{14} + 2 \cdot 37^{15} + 37^{16} + 3 \cdot 37^{17} + 6 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 1) = 20 \cdot 37^{10} + 28 \cdot 37^{11} + 7 \cdot 37^{12} + 29 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 7 \cdot 37^{16} + 3 \cdot 37^{17} + 27 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 3) = 30 \cdot 37^{10} + 8 \cdot 37^{11} + 34 \cdot 37^{12} + 14 \cdot 37^{13} + 13 \cdot 37^{14} + 4 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 1) = 30 \cdot 37^{11} + 33 \cdot 37^{12} + 17 \cdot 37^{13} + 23 \cdot 37^{14} + 6 \cdot 37^{15} + 4 \cdot 37^{16} + 18 \cdot 37^{17} + 5 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 2) = 23 \cdot 37^{10} + 26 \cdot 37^{11} + 17 \cdot 37^{12} + 10 \cdot 37^{13} + 2 \cdot 37^{14} + 15 \cdot 37^{15} + 20 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 1) = 14 \cdot 37^{10} + 21 \cdot 37^{11} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 33 \cdot 37^{15} + 34 \cdot 37^{16} + 31 \cdot 37^{17} + 9 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 6) = 26 \cdot 37^{10} + 22 \cdot 37^{11} + 32 \cdot 37^{12} + 17 \cdot 37^{13} + 14 \cdot 37^{14} + 22 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 5, 1) = 36 \cdot 37^{10} + 36 \cdot 37^{11} + 13 \cdot 37^{12} + 6 \cdot 37^{13} + 32 \cdot 37^{14} + 9 \cdot 37^{15} + 6 \cdot 37^{16} + 37^{17} + 24 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 4, 2) = 24 \cdot 37^{10} + 14 \cdot 37^{11} + 34 \cdot 37^{12} + 33 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 15 \cdot 37^{16} + 18 \cdot 37^{17} + 22 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 4, 1, 1) = 16 \cdot 37^{10} + 35 \cdot 37^{11} + 28 \cdot 37^{12} + 7 \cdot 37^{13} + 2 \cdot 37^{14} + 11 \cdot 37^{15} + 10 \cdot 37^{16} + 17 \cdot 37^{17} + 16 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 3) = 32 \cdot 37^{10} + 31 \cdot 37^{11} + 35 \cdot 37^{12} + 29 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 29 \cdot 37^{16} + 8 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 2, 1) = 9 \cdot 37^{10} + 19 \cdot 37^{11} + 2 \cdot 37^{12} + 34 \cdot 37^{13} + 14 \cdot 37^{14} + 20 \cdot 37^{15} + 6 \cdot 37^{16} + 23 \cdot 37^{17} + 31 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 2) = 9 \cdot 37^{10} + 29 \cdot 37^{11} + 2 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 11 \cdot 37^{15} + 28 \cdot 37^{16} + 31 \cdot 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 1) = 24 \cdot 37^{10} + 19 \cdot 37^{11} + 30 \cdot 37^{12} + 31 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 25 \cdot 37^{16} + 35 \cdot 37^{17} + 29 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 4) = 29 \cdot 37^{10} + 28 \cdot 37^{11} + 13 \cdot 37^{12} + 15 \cdot 37^{13} + 7 \cdot 37^{14} + 6 \cdot 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 3, 1) = 18 \cdot 37^{10} + 33 \cdot 37^{11} + 15 \cdot 37^{12} + 10 \cdot 37^{13} + 2 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{17} + 28 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 2) = 28 \cdot 37^{10} + 37^{11} + 19 \cdot 37^{12} + 27 \cdot 37^{13} + 31 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 34 \cdot 37^{17} + 35 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 1) = 22 \cdot 37^{10} + 28 \cdot 37^{11} + 11 \cdot 37^{12} + 18 \cdot 37^{13} + 17 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 32 \cdot 37^{17} + 34 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 3) = 30 \cdot 37^{10} + 12 \cdot 37^{11} + 27 \cdot 37^{12} + 8 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 30 \cdot 37^{16} + 26 \cdot 37^{17} + 14 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 1) = 18 \cdot 37^{10} + 34 \cdot 37^{11} + 37^{12} + 14 \cdot 37^{13} + 23 \cdot 37^{14} + 35 \cdot 37^{15} + 25 \cdot 37^{16} + 30 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 2) = 16 \cdot 37^{10} + 7 \cdot 37^{11} + 36 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 23 \cdot 37^{15} + 3 \cdot 37^{16} + 25 \cdot 37^{17} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 1) = 10 \cdot 37^{10} + 24 \cdot 37^{11} + 28 \cdot 37^{12} + 5 \cdot 37^{13} + 11 \cdot 37^{14} + 3 \cdot 37^{15} + 36 \cdot 37^{16} + 3 \cdot 37^{17} + 27 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 5) = 19 \cdot 37^{10} + 36 \cdot 37^{11} + 7 \cdot 37^{12} + 21 \cdot 37^{14} + 26 \cdot 37^{15} + 16 \cdot 37^{16} + 34 \cdot 37^{17} + 19 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 4, 1) = 36 \cdot 37^{10} + 8 \cdot 37^{11} + 28 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 5 \cdot 37^{16} + 12 \cdot 37^{17} + 31 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 2) = 5 \cdot 37^{10} + 18 \cdot 37^{11} + 36 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{14} + 35 \cdot 37^{15} + 5 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 1) = 13 \cdot 37^{11} + 2 \cdot 37^{12} + 37^{13} + 31 \cdot 37^{14} + 34 \cdot 37^{16} + 37^{17} + 8 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 3) = 35 \cdot 37^{10} + 27 \cdot 37^{11} + 36 \cdot 37^{12} + 5 \cdot 37^{13} + 31 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 13 \cdot 37^{17} + 10 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 1) = 33 \cdot 37^{10} + 35 \cdot 37^{11} + 8 \cdot 37^{12} + 4 \cdot 37^{13} + 32 \cdot 37^{14} + 16 \cdot 37^{15} + 21 \cdot 37^{17} + 22 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 2) = 18 \cdot 37^{10} + 35 \cdot 37^{11} + 12 \cdot 37^{12} + 10 \cdot 37^{13} + 9 \cdot 37^{15} + 9 \cdot 37^{16} + 15 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 37^{10} + 2 \cdot 37^{11} + 5 \cdot 37^{14} + 11 \cdot 37^{15} + 7 \cdot 37^{16} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 4) = 31 \cdot 37^{10} + 12 \cdot 37^{11} + 35 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 20 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 1) = 4 \cdot 37^{10} + 9 \cdot 37^{11} + 29 \cdot 37^{12} + 8 \cdot 37^{13} + 5 \cdot 37^{14} + 33 \cdot 37^{15} + 17 \cdot 37^{16} + 2 \cdot 37^{17} + 6 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 2) = 25 \cdot 37^{10} + 26 \cdot 37^{11} + 13 \cdot 37^{12} + 27 \cdot 37^{13} + 12 \cdot 37^{14} + 15 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 1) = 9 \cdot 37^{10} + 27 \cdot 37^{11} + 17 \cdot 37^{12} + 17 \cdot 37^{13} + 2 \cdot 37^{14} + 29 \cdot 37^{15} + 7 \cdot 37^{16} + 12 \cdot 37^{17} + 11 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 3) = 3 \cdot 37^{10} + 9 \cdot 37^{11} + 8 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 21 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 2, 1) = 34 \cdot 37^{10} + 16 \cdot 37^{11} + 31 \cdot 37^{12} + 7 \cdot 37^{13} + 15 \cdot 37^{14} + 7 \cdot 37^{15} + 29 \cdot 37^{16} + 8 \cdot 37^{17} + 17 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 2) = 3 \cdot 37^{10} + 31 \cdot 37^{11} + 29 \cdot 37^{12} + 36 \cdot 37^{13} + 17 \cdot 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 9) = 28 \cdot 37^{10} + 4 \cdot 37^{11} + 30 \cdot 37^{12} + 19 \cdot 37^{13} + 27 \cdot 37^{14} + 12 \cdot 37^{15} + 23 \cdot 37^{16} + 13 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 8, 1) = 10 \cdot 37^{10} + 25 \cdot 37^{11} + 17 \cdot 37^{12} + 6 \cdot 37^{13} + 29 \cdot 37^{14} + 15 \cdot 37^{15} + 11 \cdot 37^{16} + 10 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 7, 2) = 3 \cdot 37^{10} + 9 \cdot 37^{11} + 8 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 21 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 7, 1, 1) = 27 \cdot 37^{10} + 22 \cdot 37^{11} + 35 \cdot 37^{12} + 37^{13} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 6, 3) = 32 \cdot 37^{10} + 28 \cdot 37^{11} + 27 \cdot 37^{12} + 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 22 \cdot 37^{17} + 2 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 6, 2, 1) = 9 \cdot 37^{10} + 5 \cdot 37^{11} + 16 \cdot 37^{12} + 33 \cdot 37^{13} + 34 \cdot 37^{14} + 6 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 14 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 6, 1, 2) = 17 \cdot 37^{10} + 15 \cdot 37^{11} + 11 \cdot 37^{12} + 11 \cdot 37^{13} + 35 \cdot 37^{14} + 36 \cdot 37^{15} + 6 \cdot 37^{16} + 25 \cdot 37^{17} + 36 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 6, 1, 1, 1) = 29 \cdot 37^{10} + 16 \cdot 37^{11} + 10 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 8 \cdot 37^{15} + 19 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 5, 4) = 31 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 15 \cdot 37^{13} + 34 \cdot 37^{14} + 35 \cdot 37^{15} + 34 \cdot 37^{16} + 35 \cdot 37^{17} + 19 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 5, 3, 1) = 8 \cdot 37^{10} + 32 \cdot 37^{11} + 24 \cdot 37^{12} + 23 \cdot 37^{13} + 22 \cdot 37^{14} + 2 \cdot 37^{15} + 23 \cdot 37^{16} + 37^{17} + 12 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 5, 2, 2) = 28 \cdot 37^{10} + 23 \cdot 37^{11} + 15 \cdot 37^{12} + 23 \cdot 37^{13} + 3 \cdot 37^{14} + 16 \cdot 37^{15} + 11 \cdot 37^{16} + 30 \cdot 37^{17} + 4 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 5, 2, 1, 1) = 24 \cdot 37^{10} + 32 \cdot 37^{11} + 15 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{15} + 28 \cdot 37^{16} + 21 \cdot 37^{17} + 9 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 5, 1, 3) = 35 \cdot 37^{10} + 37^{11} + 33 \cdot 37^{12} + 10 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 16 \cdot 37^{16} + 16 \cdot 37^{17} + 27 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 5, 1, 2, 1) = 13 \cdot 37^{10} + 16 \cdot 37^{11} + 24 \cdot 37^{12} + 21 \cdot 37^{13} + 17 \cdot 37^{14} + 36 \cdot 37^{15} + 13 \cdot 37^{16} + 22 \cdot 37^{17} + 35 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 5, 1, 1, 2) = 17 \cdot 37^{10} + 30 \cdot 37^{11} + 29 \cdot 37^{12} + 26 \cdot 37^{13} + 10 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{16} + 15 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 5, 1, 1, 1, 1) = 33 \cdot 37^{10} + 30 \cdot 37^{11} + 13 \cdot 37^{12} + 4 \cdot 37^{13} + 21 \cdot 37^{14} + 5 \cdot 37^{15} + 36 \cdot 37^{16} + 7 \cdot 37^{17} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 5) = 8 \cdot 37^{10} + 17 \cdot 37^{11} + 10 \cdot 37^{12} + 7 \cdot 37^{13} + 14 \cdot 37^{14} + 18 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 25 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 4, 1) = 10 \cdot 37^{10} + 23 \cdot 37^{11} + 16 \cdot 37^{12} + 11 \cdot 37^{13} + 29 \cdot 37^{15} + 18 \cdot 37^{16} + 4 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 3, 2) = 30 \cdot 37^{10} + 8 \cdot 37^{11} + 34 \cdot 37^{12} + 14 \cdot 37^{13} + 13 \cdot 37^{14} + 4 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 3, 1, 1) = 35 \cdot 37^{10} + 28 \cdot 37^{11} + 27 \cdot 37^{12} + 18 \cdot 37^{14} + 28 \cdot 37^{15} + 7 \cdot 37^{16} + 8 \cdot 37^{17} + 36 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 2, 3) = 30 \cdot 37^{10} + 21 \cdot 37^{11} + 28 \cdot 37^{12} + 30 \cdot 37^{14} + 27 \cdot 37^{15} + 31 \cdot 37^{16} + 20 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 2, 2, 1) = 36 \cdot 37^{10} + 17 \cdot 37^{11} + 18 \cdot 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 2 \cdot 37^{15} + 24 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 2, 1, 2) = 3 \cdot 37^{10} + 32 \cdot 37^{11} + 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 28 \cdot 37^{17} + 11 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 2, 1, 1, 1) = 29 \cdot 37^{10} + 18 \cdot 37^{11} + 10 \cdot 37^{12} + 26 \cdot 37^{13} + 35 \cdot 37^{14} + 8 \cdot 37^{15} + 31 \cdot 37^{16} + 32 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 4) = 10 \cdot 37^{10} + 36 \cdot 37^{11} + 10 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 28 \cdot 37^{15} + 9 \cdot 37^{16} + 23 \cdot 37^{17} + 20 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 3, 1) = 31 \cdot 37^{10} + 25 \cdot 37^{11} + 14 \cdot 37^{12} + 13 \cdot 37^{13} + 35 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 3 \cdot 37^{17} + 25 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 2, 2) = 10 \cdot 37^{10} + 37^{11} + 9 \cdot 37^{12} + 25 \cdot 37^{13} + 24 \cdot 37^{14} + 8 \cdot 37^{15} + 34 \cdot 37^{16} + 23 \cdot 37^{17} + 3 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 2, 1, 1) = 33 \cdot 37^{10} + 5 \cdot 37^{11} + 27 \cdot 37^{12} + 33 \cdot 37^{13} + 12 \cdot 37^{14} + 7 \cdot 37^{15} + 24 \cdot 37^{16} + 24 \cdot 37^{17} + 23 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 3) = 24 \cdot 37^{10} + 10 \cdot 37^{11} + 33 \cdot 37^{12} + 9 \cdot 37^{13} + 29 \cdot 37^{14} + 27 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 2, 1) = 19 \cdot 37^{10} + 32 \cdot 37^{11} + 2 \cdot 37^{12} + 13 \cdot 37^{13} + 24 \cdot 37^{14} + 28 \cdot 37^{15} + 16 \cdot 37^{16} + 6 \cdot 37^{17} + 9 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 2) = 18 \cdot 37^{11} + 15 \cdot 37^{12} + 21 \cdot 37^{13} + 27 \cdot 37^{14} + 12 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 8 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 1) = 21 \cdot 37^{10} + 17 \cdot 37^{11} + 21 \cdot 37^{12} + 6 \cdot 37^{13} + 26 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 15 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 6) = 18 \cdot 37^{10} + 36 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 29 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 19 \cdot 37^{17} + 6 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 5, 1) = 16 \cdot 37^{10} + 2 \cdot 37^{11} + 30 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 14 \cdot 37^{16} + 30 \cdot 37^{17} + 29 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 4, 2) = 30 \cdot 37^{10} + 12 \cdot 37^{11} + 27 \cdot 37^{12} + 8 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 30 \cdot 37^{16} + 26 \cdot 37^{17} + 14 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 4, 1, 1) = 7 \cdot 37^{10} + 4 \cdot 37^{11} + 28 \cdot 37^{12} + 34 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 21 \cdot 37^{16} + 11 \cdot 37^{17} + 15 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 3, 3) = 19 \cdot 37^{10} + 35 \cdot 37^{11} + 11 \cdot 37^{12} + 8 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 27 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 3, 2, 1) = 24 \cdot 37^{10} + 27 \cdot 37^{11} + 16 \cdot 37^{12} + 3 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 6 \cdot 37^{16} + 10 \cdot 37^{17} + 33 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 3, 1, 2) = 26 \cdot 37^{10} + 14 \cdot 37^{11} + 17 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 20 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 3, 1, 1, 1) = 9 \cdot 37^{10} + 2 \cdot 37^{11} + 6 \cdot 37^{12} + 37^{13} + 32 \cdot 37^{14} + 2 \cdot 37^{15} + 6 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 4) = 8 \cdot 37^{10} + 18 \cdot 37^{11} + 31 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 17 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 3, 1) = 32 \cdot 37^{10} + 35 \cdot 37^{11} + 25 \cdot 37^{13} + 18 \cdot 37^{14} + 18 \cdot 37^{15} + 10 \cdot 37^{16} + 29 \cdot 37^{17} + 8 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 2, 2) = 16 \cdot 37^{10} + 33 \cdot 37^{11} + 25 \cdot 37^{12} + 35 \cdot 37^{13} + 36 \cdot 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 10 \cdot 37^{17} + 35 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 2, 1, 1) = 28 \cdot 37^{10} + 33 \cdot 37^{11} + 3 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 32 \cdot 37^{16} + 15 \cdot 37^{17} + 22 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 3) = 4 \cdot 37^{10} + 16 \cdot 37^{11} + 34 \cdot 37^{12} + 29 \cdot 37^{13} + 26 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 29 \cdot 37^{17} + 25 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 2, 1) = 15 \cdot 37^{10} + 28 \cdot 37^{11} + 2 \cdot 37^{12} + 18 \cdot 37^{13} + 27 \cdot 37^{14} + 12 \cdot 37^{15} + 24 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 2) = 25 \cdot 37^{10} + 3 \cdot 37^{11} + 32 \cdot 37^{12} + 20 \cdot 37^{13} + 32 \cdot 37^{14} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 8 \cdot 37^{17} + 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 1) = 34 \cdot 37^{10} + 26 \cdot 37^{11} + 27 \cdot 37^{12} + 2 \cdot 37^{13} + 36 \cdot 37^{14} + 6 \cdot 37^{15} + 34 \cdot 37^{16} + 7 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 5) = 32 \cdot 37^{10} + 33 \cdot 37^{11} + 37^{12} + 15 \cdot 37^{13} + 25 \cdot 37^{14} + 19 \cdot 37^{15} + 11 \cdot 37^{16} + 13 \cdot 37^{17} + 21 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 4, 1) = 30 \cdot 37^{10} + 29 \cdot 37^{11} + 27 \cdot 37^{12} + 29 \cdot 37^{13} + 32 \cdot 37^{14} + 20 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 35 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 3, 2) = 25 \cdot 37^{10} + 6 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 35 \cdot 37^{14} + 29 \cdot 37^{15} + 17 \cdot 37^{16} + 33 \cdot 37^{17} + 36 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 3, 1, 1) = 7 \cdot 37^{10} + 37^{11} + 15 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 2 \cdot 37^{16} + 11 \cdot 37^{17} + 14 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 3) = 10 \cdot 37^{10} + 22 \cdot 37^{11} + 9 \cdot 37^{12} + 34 \cdot 37^{13} + 6 \cdot 37^{14} + 3 \cdot 37^{15} + 22 \cdot 37^{16} + 25 \cdot 37^{17} + 5 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 2, 1) = 37^{10} + 27 \cdot 37^{11} + 14 \cdot 37^{12} + 33 \cdot 37^{13} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 30 \cdot 37^{17} + 16 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 2) = 25 \cdot 37^{10} + 2 \cdot 37^{11} + 27 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{16} + 12 \cdot 37^{17} + 2 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 1) = 9 \cdot 37^{10} + 21 \cdot 37^{11} + 22 \cdot 37^{12} + 14 \cdot 37^{13} + 17 \cdot 37^{14} + 7 \cdot 37^{15} + 12 \cdot 37^{16} + 7 \cdot 37^{17} + 12 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 4) = 7 \cdot 37^{10} + 29 \cdot 37^{11} + 5 \cdot 37^{12} + 5 \cdot 37^{13} + 37^{14} + 2 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 3, 1) = 5 \cdot 37^{10} + 27 \cdot 37^{11} + 8 \cdot 37^{12} + 29 \cdot 37^{13} + 25 \cdot 37^{14} + 23 \cdot 37^{15} + 19 \cdot 37^{16} + 34 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 2) = 17 \cdot 37^{10} + 19 \cdot 37^{11} + 19 \cdot 37^{12} + 9 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 37^{16} + 28 \cdot 37^{17} + 7 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 1) = 23 \cdot 37^{10} + 11 \cdot 37^{11} + 14 \cdot 37^{12} + 2 \cdot 37^{13} + 29 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 8 \cdot 37^{17} + 20 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 3) = 35 \cdot 37^{10} + 37^{11} + 33 \cdot 37^{12} + 10 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 16 \cdot 37^{16} + 16 \cdot 37^{17} + 27 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 1) = 36 \cdot 37^{10} + 4 \cdot 37^{11} + 25 \cdot 37^{12} + 30 \cdot 37^{13} + 6 \cdot 37^{14} + 22 \cdot 37^{15} + 20 \cdot 37^{16} + 17 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 2) = 5 \cdot 37^{10} + 10 \cdot 37^{11} + 2 \cdot 37^{12} + 26 \cdot 37^{13} + 30 \cdot 37^{14} + 6 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 1) = 5 \cdot 37^{10} + 4 \cdot 37^{11} + 22 \cdot 37^{12} + 32 \cdot 37^{13} + 5 \cdot 37^{14} + 22 \cdot 37^{15} + 14 \cdot 37^{16} + 5 \cdot 37^{17} + 11 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 7) = 6 \cdot 37^{10} + 37^{11} + 10 \cdot 37^{12} + 22 \cdot 37^{13} + 20 \cdot 37^{14} + 7 \cdot 37^{16} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 6, 1) = 36 \cdot 37^{10} + 22 \cdot 37^{11} + 33 \cdot 37^{12} + 12 \cdot 37^{13} + 34 \cdot 37^{14} + 21 \cdot 37^{15} + 9 \cdot 37^{16} + 34 \cdot 37^{17} + 25 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 5, 2) = 35 \cdot 37^{10} + 27 \cdot 37^{11} + 36 \cdot 37^{12} + 5 \cdot 37^{13} + 31 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 13 \cdot 37^{17} + 10 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 5, 1, 1) = 21 \cdot 37^{10} + 5 \cdot 37^{11} + 23 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 12 \cdot 37^{15} + 31 \cdot 37^{16} + 24 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 4, 3) = 25 \cdot 37^{10} + 24 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 27 \cdot 37^{14} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 8 \cdot 37^{17} + 6 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 4, 2, 1) = 26 \cdot 37^{10} + 24 \cdot 37^{11} + 35 \cdot 37^{12} + 9 \cdot 37^{13} + 17 \cdot 37^{14} + 30 \cdot 37^{15} + 37^{16} + 6 \cdot 37^{17} + 16 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 4, 1, 2) = 25 \cdot 37^{10} + 3 \cdot 37^{11} + 10 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 7 \cdot 37^{17} + 19 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 4, 1, 1, 1) = 15 \cdot 37^{10} + 3 \cdot 37^{11} + 7 \cdot 37^{12} + 32 \cdot 37^{13} + 31 \cdot 37^{14} + 2 \cdot 37^{15} + 22 \cdot 37^{17} + 10 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 4) = 29 \cdot 37^{10} + 3 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 5 \cdot 37^{14} + 20 \cdot 37^{15} + 10 \cdot 37^{16} + 27 \cdot 37^{17} + 29 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 3, 1) = 33 \cdot 37^{10} + 3 \cdot 37^{12} + 30 \cdot 37^{13} + 6 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 30 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 2, 2) = 17 \cdot 37^{10} + 21 \cdot 37^{11} + 12 \cdot 37^{12} + 13 \cdot 37^{13} + 8 \cdot 37^{15} + 17 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 2, 1, 1) = 4 \cdot 37^{10} + 33 \cdot 37^{11} + 33 \cdot 37^{12} + 4 \cdot 37^{13} + 16 \cdot 37^{14} + 21 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 3) = 10 \cdot 37^{10} + 22 \cdot 37^{11} + 9 \cdot 37^{12} + 34 \cdot 37^{13} + 6 \cdot 37^{14} + 3 \cdot 37^{15} + 22 \cdot 37^{16} + 25 \cdot 37^{17} + 5 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 2, 1) = 28 \cdot 37^{10} + 15 \cdot 37^{11} + 15 \cdot 37^{12} + 34 \cdot 37^{13} + 9 \cdot 37^{14} + 30 \cdot 37^{15} + 31 \cdot 37^{16} + 7 \cdot 37^{17} + 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 2) = 17 \cdot 37^{10} + 23 \cdot 37^{11} + 13 \cdot 37^{12} + 34 \cdot 37^{13} + 5 \cdot 37^{14} + 2 \cdot 37^{15} + 8 \cdot 37^{16} + 32 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 1) = 22 \cdot 37^{10} + 12 \cdot 37^{11} + 35 \cdot 37^{12} + 22 \cdot 37^{13} + 32 \cdot 37^{14} + 23 \cdot 37^{15} + 26 \cdot 37^{16} + 36 \cdot 37^{17} + 32 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 5) = 13 \cdot 37^{10} + 29 \cdot 37^{11} + 24 \cdot 37^{12} + 16 \cdot 37^{13} + 28 \cdot 37^{14} + 21 \cdot 37^{15} + 25 \cdot 37^{16} + 13 \cdot 37^{17} + 7 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 4, 1) = 7 \cdot 37^{10} + 22 \cdot 37^{11} + 2 \cdot 37^{12} + 27 \cdot 37^{13} + 17 \cdot 37^{14} + 9 \cdot 37^{15} + 14 \cdot 37^{16} + 3 \cdot 37^{17} + 13 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 3, 2) = 15 \cdot 37^{10} + 18 \cdot 37^{11} + 3 \cdot 37^{12} + 17 \cdot 37^{13} + 28 \cdot 37^{14} + 5 \cdot 37^{15} + 23 \cdot 37^{16} + 27 \cdot 37^{17} + 3 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 3, 1, 1) = 29 \cdot 37^{10} + 9 \cdot 37^{11} + 34 \cdot 37^{12} + 32 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 12 \cdot 37^{16} + 34 \cdot 37^{17} + 5 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 3) = 5 \cdot 37^{10} + 7 \cdot 37^{11} + 22 \cdot 37^{12} + 2 \cdot 37^{13} + 34 \cdot 37^{15} + 15 \cdot 37^{17} + 3 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 2, 1) = 33 \cdot 37^{10} + 10 \cdot 37^{11} + 3 \cdot 37^{12} + 36 \cdot 37^{13} + 12 \cdot 37^{14} + 36 \cdot 37^{15} + 19 \cdot 37^{16} + 10 \cdot 37^{17} + 34 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 2) = 35 \cdot 37^{10} + 13 \cdot 37^{11} + 28 \cdot 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 16 \cdot 37^{16} + 4 \cdot 37^{17} + 34 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 1) = 25 \cdot 37^{11} + 10 \cdot 37^{12} + 27 \cdot 37^{13} + 2 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 17 \cdot 37^{17} + 27 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 4) = 10 \cdot 37^{10} + 35 \cdot 37^{11} + 15 \cdot 37^{12} + 22 \cdot 37^{13} + 20 \cdot 37^{14} + 5 \cdot 37^{15} + 10 \cdot 37^{16} + 6 \cdot 37^{17} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 3, 1) = 8 \cdot 37^{10} + 29 \cdot 37^{11} + 18 \cdot 37^{12} + 2 \cdot 37^{13} + 18 \cdot 37^{14} + 32 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 33 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 2) = 25 \cdot 37^{10} + 37^{11} + 36 \cdot 37^{12} + 17 \cdot 37^{13} + 18 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 1) = 15 \cdot 37^{10} + 12 \cdot 37^{11} + 2 \cdot 37^{12} + 30 \cdot 37^{13} + 15 \cdot 37^{14} + 29 \cdot 37^{15} + 18 \cdot 37^{17} + 6 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 3) = 30 \cdot 37^{10} + 21 \cdot 37^{11} + 28 \cdot 37^{12} + 30 \cdot 37^{14} + 27 \cdot 37^{15} + 31 \cdot 37^{16} + 20 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 1) = 7 \cdot 37^{10} + 4 \cdot 37^{11} + 18 \cdot 37^{12} + 10 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 31 \cdot 37^{16} + 11 \cdot 37^{17} + 2 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 2) = 9 \cdot 37^{10} + 7 \cdot 37^{11} + 28 \cdot 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 5 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 1) = 32 \cdot 37^{10} + 37^{11} + 16 \cdot 37^{12} + 36 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 25 \cdot 37^{16} + 15 \cdot 37^{17} + 12 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 6) = 9 \cdot 37^{10} + 10 \cdot 37^{11} + 19 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 5, 1) = 18 \cdot 37^{10} + 35 \cdot 37^{11} + 20 \cdot 37^{12} + 35 \cdot 37^{13} + 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{16} + 35 \cdot 37^{17} + 29 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 4, 2) = 32 \cdot 37^{10} + 31 \cdot 37^{11} + 35 \cdot 37^{12} + 29 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 29 \cdot 37^{16} + 8 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 4, 1, 1) = 21 \cdot 37^{10} + 32 \cdot 37^{11} + 23 \cdot 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 33 \cdot 37^{15} + 25 \cdot 37^{16} + 12 \cdot 37^{17} + 20 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 3) = 2 \cdot 37^{10} + 9 \cdot 37^{11} + 29 \cdot 37^{12} + 28 \cdot 37^{13} + 17 \cdot 37^{14} + 31 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 29 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 2, 1) = 17 \cdot 37^{10} + 25 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 24 \cdot 37^{14} + 9 \cdot 37^{15} + 14 \cdot 37^{16} + 23 \cdot 37^{17} + 26 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 2) = 27 \cdot 37^{10} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 18 \cdot 37^{14} + 36 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 21 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 1) = 27 \cdot 37^{10} + 22 \cdot 37^{11} + 15 \cdot 37^{12} + 11 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 6 \cdot 37^{16} + 32 \cdot 37^{17} + 5 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 4) = 23 \cdot 37^{10} + 18 \cdot 37^{11} + 35 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 36 \cdot 37^{15} + 14 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 3, 1) = 37^{10} + 14 \cdot 37^{11} + 21 \cdot 37^{12} + 24 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 24 \cdot 37^{16} + 13 \cdot 37^{17} + 17 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 2) = 21 \cdot 37^{10} + 14 \cdot 37^{11} + 20 \cdot 37^{12} + 3 \cdot 37^{13} + 2 \cdot 37^{14} + 14 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 13 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 1) = 35 \cdot 37^{10} + 21 \cdot 37^{11} + 17 \cdot 37^{12} + 21 \cdot 37^{13} + 32 \cdot 37^{14} + 22 \cdot 37^{15} + 3 \cdot 37^{16} + 33 \cdot 37^{17} + 15 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 3) = 19 \cdot 37^{10} + 35 \cdot 37^{11} + 11 \cdot 37^{12} + 8 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 27 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 1) = 27 \cdot 37^{10} + 22 \cdot 37^{11} + 12 \cdot 37^{12} + 15 \cdot 37^{13} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 2) = 4 \cdot 37^{10} + 13 \cdot 37^{11} + 4 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 23 \cdot 37^{15} + 25 \cdot 37^{16} + 25 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 1) = 24 \cdot 37^{10} + 2 \cdot 37^{11} + 11 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 6 \cdot 37^{17} + 27 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 5) = 31 \cdot 37^{10} + 18 \cdot 37^{11} + 27 \cdot 37^{12} + 30 \cdot 37^{13} + 22 \cdot 37^{14} + 29 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 3 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 4, 1) = 28 \cdot 37^{10} + 12 \cdot 37^{11} + 16 \cdot 37^{12} + 26 \cdot 37^{13} + 20 \cdot 37^{14} + 33 \cdot 37^{15} + 12 \cdot 37^{16} + 26 \cdot 37^{17} + 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 2) = 18 \cdot 37^{10} + 16 \cdot 37^{11} + 24 \cdot 37^{12} + 10 \cdot 37^{13} + 27 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 27 \cdot 37^{17} + 30 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 1) = 27 \cdot 37^{10} + 22 \cdot 37^{11} + 17 \cdot 37^{12} + 33 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 21 \cdot 37^{16} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 3) = 25 \cdot 37^{10} + 24 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 27 \cdot 37^{14} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 8 \cdot 37^{17} + 6 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 1) = 5 \cdot 37^{10} + 13 \cdot 37^{11} + 5 \cdot 37^{12} + 33 \cdot 37^{13} + 5 \cdot 37^{14} + 16 \cdot 37^{15} + 8 \cdot 37^{16} + 36 \cdot 37^{17} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 2) = 5 \cdot 37^{10} + 30 \cdot 37^{11} + 29 \cdot 37^{12} + 23 \cdot 37^{13} + 34 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 5 \cdot 37^{17} + 33 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 1) = 5 \cdot 37^{10} + 21 \cdot 37^{11} + 16 \cdot 37^{12} + 25 \cdot 37^{13} + 4 \cdot 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 4 \cdot 37^{17} + 32 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 4) = 14 \cdot 37^{10} + 14 \cdot 37^{11} + 27 \cdot 37^{12} + 5 \cdot 37^{13} + 23 \cdot 37^{14} + 32 \cdot 37^{15} + 10 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 1) = 29 \cdot 37^{10} + 37^{11} + 31 \cdot 37^{12} + 11 \cdot 37^{13} + 32 \cdot 37^{14} + 18 \cdot 37^{15} + 13 \cdot 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 2) = 14 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 11 \cdot 37^{13} + 7 \cdot 37^{14} + 18 \cdot 37^{15} + 29 \cdot 37^{16} + 19 \cdot 37^{17} + 35 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 1) = 24 \cdot 37^{10} + 2 \cdot 37^{11} + 11 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 6 \cdot 37^{17} + 27 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 3) = 32 \cdot 37^{10} + 28 \cdot 37^{11} + 27 \cdot 37^{12} + 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 22 \cdot 37^{17} + 2 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 1) = 33 \cdot 37^{11} + 35 \cdot 37^{12} + 32 \cdot 37^{13} + 25 \cdot 37^{14} + 22 \cdot 37^{15} + 15 \cdot 37^{16} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 2) = 28 \cdot 37^{10} + 30 \cdot 37^{11} + 27 \cdot 37^{12} + 33 \cdot 37^{13} + 21 \cdot 37^{14} + 20 \cdot 37^{15} + 5 \cdot 37^{16} + 11 \cdot 37^{17} + 36 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 8) = 37^{10} + 19 \cdot 37^{11} + 9 \cdot 37^{12} + 5 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 19 \cdot 37^{16} + 17 \cdot 37^{17} + 22 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 7, 1) = 5 \cdot 37^{10} + 30 \cdot 37^{11} + 9 \cdot 37^{12} + 28 \cdot 37^{13} + 20 \cdot 37^{14} + 9 \cdot 37^{15} + 17 \cdot 37^{16} + 28 \cdot 37^{17} + 19 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 6, 2) = 31 \cdot 37^{10} + 12 \cdot 37^{11} + 35 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 20 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 6, 1, 1) = 16 \cdot 37^{10} + 33 \cdot 37^{11} + 31 \cdot 37^{12} + 17 \cdot 37^{13} + 5 \cdot 37^{14} + 29 \cdot 37^{15} + 12 \cdot 37^{16} + 37^{17} + 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 5, 3) = 14 \cdot 37^{10} + 14 \cdot 37^{11} + 27 \cdot 37^{12} + 5 \cdot 37^{13} + 23 \cdot 37^{14} + 32 \cdot 37^{15} + 10 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 5, 2, 1) = 33 \cdot 37^{10} + 17 \cdot 37^{11} + 23 \cdot 37^{12} + 34 \cdot 37^{13} + 25 \cdot 37^{14} + 36 \cdot 37^{15} + 9 \cdot 37^{16} + 16 \cdot 37^{17} + 4 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 5, 1, 2) = 10 \cdot 37^{10} + 21 \cdot 37^{11} + 37^{12} + 31 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 5, 1, 1, 1) = 23 \cdot 37^{12} + 23 \cdot 37^{13} + 12 \cdot 37^{14} + 12 \cdot 37^{15} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 4) = 7 \cdot 37^{10} + 12 \cdot 37^{11} + 26 \cdot 37^{12} + 11 \cdot 37^{13} + 30 \cdot 37^{14} + 8 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 3, 1) = 21 \cdot 37^{10} + 31 \cdot 37^{11} + 25 \cdot 37^{12} + 6 \cdot 37^{13} + 7 \cdot 37^{14} + 21 \cdot 37^{15} + 12 \cdot 37^{16} + 35 \cdot 37^{17} + 8 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 2, 2) = 30 \cdot 37^{10} + 2 \cdot 37^{11} + 23 \cdot 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 2, 1, 1) = 29 \cdot 37^{11} + 32 \cdot 37^{12} + 18 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 32 \cdot 37^{16} + 22 \cdot 37^{17} + 34 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 3) = 7 \cdot 37^{10} + 29 \cdot 37^{11} + 5 \cdot 37^{12} + 5 \cdot 37^{13} + 37^{14} + 2 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 2, 1) = 31 \cdot 37^{10} + 22 \cdot 37^{11} + 34 \cdot 37^{12} + 20 \cdot 37^{13} + 28 \cdot 37^{14} + 13 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 29 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 2) = 29 \cdot 37^{10} + 17 \cdot 37^{11} + 12 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 20 \cdot 37^{15} + 22 \cdot 37^{16} + 14 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 1) = 8 \cdot 37^{10} + 19 \cdot 37^{11} + 29 \cdot 37^{12} + 29 \cdot 37^{13} + 19 \cdot 37^{14} + 16 \cdot 37^{15} + 11 \cdot 37^{16} + 23 \cdot 37^{17} + 32 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 5) = 24 \cdot 37^{10} + 18 \cdot 37^{11} + 18 \cdot 37^{12} + 27 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 25 \cdot 37^{16} + 12 \cdot 37^{17} + 3 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 4, 1) = 16 \cdot 37^{10} + 10 \cdot 37^{11} + 5 \cdot 37^{12} + 32 \cdot 37^{14} + 19 \cdot 37^{16} + 5 \cdot 37^{17} + 34 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 3, 2) = 34 \cdot 37^{10} + 20 \cdot 37^{11} + 15 \cdot 37^{12} + 4 \cdot 37^{13} + 2 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 30 \cdot 37^{17} + 20 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 3, 1, 1) = 29 \cdot 37^{10} + 31 \cdot 37^{11} + 32 \cdot 37^{12} + 14 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 37^{16} + 25 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 3) = 10 \cdot 37^{10} + 35 \cdot 37^{11} + 15 \cdot 37^{12} + 22 \cdot 37^{13} + 20 \cdot 37^{14} + 5 \cdot 37^{15} + 10 \cdot 37^{16} + 6 \cdot 37^{17} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 2, 1) = 9 \cdot 37^{10} + 23 \cdot 37^{11} + 21 \cdot 37^{12} + 30 \cdot 37^{13} + 31 \cdot 37^{14} + 4 \cdot 37^{15} + 15 \cdot 37^{16} + 22 \cdot 37^{17} + 35 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 2) = 28 \cdot 37^{10} + 29 \cdot 37^{11} + 25 \cdot 37^{12} + 8 \cdot 37^{13} + 32 \cdot 37^{14} + 30 \cdot 37^{15} + 21 \cdot 37^{16} + 22 \cdot 37^{17} + 28 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 1) = 35 \cdot 37^{10} + 27 \cdot 37^{11} + 30 \cdot 37^{12} + 26 \cdot 37^{13} + 25 \cdot 37^{14} + 20 \cdot 37^{15} + 3 \cdot 37^{16} + 28 \cdot 37^{17} + 26 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 4) = 5 \cdot 37^{10} + 37^{11} + 10 \cdot 37^{12} + 13 \cdot 37^{13} + 16 \cdot 37^{14} + 27 \cdot 37^{15} + 27 \cdot 37^{16} + 2 \cdot 37^{17} + 22 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 3, 1) = 12 \cdot 37^{10} + 27 \cdot 37^{11} + 31 \cdot 37^{12} + 2 \cdot 37^{13} + 30 \cdot 37^{14} + 36 \cdot 37^{15} + 13 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 2) = 7 \cdot 37^{10} + 6 \cdot 37^{11} + 7 \cdot 37^{12} + 33 \cdot 37^{13} + 8 \cdot 37^{14} + 35 \cdot 37^{16} + 33 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 1) = 24 \cdot 37^{12} + 34 \cdot 37^{13} + 9 \cdot 37^{14} + 9 \cdot 37^{15} + 2 \cdot 37^{16} + 27 \cdot 37^{17} + 14 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 3) = 10 \cdot 37^{10} + 36 \cdot 37^{11} + 10 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 28 \cdot 37^{15} + 9 \cdot 37^{16} + 23 \cdot 37^{17} + 20 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 1) = 33 \cdot 37^{10} + 8 \cdot 37^{11} + 28 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 25 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 2) = 26 \cdot 37^{10} + 3 \cdot 37^{11} + 3 \cdot 37^{12} + 10 \cdot 37^{13} + 37^{14} + 31 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 1) = 4 \cdot 37^{10} + 28 \cdot 37^{11} + 36 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{14} + 23 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 6) = 22 \cdot 37^{10} + 18 \cdot 37^{11} + 28 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{14} + 25 \cdot 37^{15} + 9 \cdot 37^{16} + 11 \cdot 37^{17} + 19 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 5, 1) = 26 \cdot 37^{10} + 30 \cdot 37^{11} + 30 \cdot 37^{12} + 17 \cdot 37^{13} + 24 \cdot 37^{14} + 30 \cdot 37^{15} + 14 \cdot 37^{16} + 32 \cdot 37^{17} + 21 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 4, 2) = 29 \cdot 37^{10} + 28 \cdot 37^{11} + 13 \cdot 37^{12} + 15 \cdot 37^{13} + 7 \cdot 37^{14} + 6 \cdot 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 4, 1, 1) = 34 \cdot 37^{10} + 9 \cdot 37^{11} + 28 \cdot 37^{12} + 36 \cdot 37^{13} + 28 \cdot 37^{14} + 15 \cdot 37^{15} + 32 \cdot 37^{16} + 10 \cdot 37^{17} + 32 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 3) = 23 \cdot 37^{10} + 18 \cdot 37^{11} + 35 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 36 \cdot 37^{15} + 14 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 2, 1) = 18 \cdot 37^{10} + 8 \cdot 37^{11} + 18 \cdot 37^{12} + 16 \cdot 37^{13} + 23 \cdot 37^{14} + 8 \cdot 37^{15} + 33 \cdot 37^{16} + 31 \cdot 37^{17} + 12 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 2) = 18 \cdot 37^{10} + 15 \cdot 37^{11} + 24 \cdot 37^{12} + 21 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 37^{16} + 22 \cdot 37^{17} + 33 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 1) = 2 \cdot 37^{10} + 9 \cdot 37^{11} + 25 \cdot 37^{12} + 26 \cdot 37^{13} + 34 \cdot 37^{14} + 3 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 4 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 4) = 6 \cdot 37^{10} + 22 \cdot 37^{11} + 5 \cdot 37^{12} + 24 \cdot 37^{13} + 28 \cdot 37^{14} + 29 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 3, 1) = 13 \cdot 37^{10} + 10 \cdot 37^{11} + 23 \cdot 37^{12} + 9 \cdot 37^{13} + 37^{14} + 6 \cdot 37^{15} + 5 \cdot 37^{16} + 9 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 2) = 9 \cdot 37^{10} + 13 \cdot 37^{11} + 16 \cdot 37^{12} + 11 \cdot 37^{13} + 3 \cdot 37^{14} + 13 \cdot 37^{15} + 9 \cdot 37^{16} + 31 \cdot 37^{17} + 5 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 1) = 16 \cdot 37^{10} + 37^{11} + 13 \cdot 37^{12} + 12 \cdot 37^{13} + 14 \cdot 37^{14} + 8 \cdot 37^{15} + 33 \cdot 37^{16} + 34 \cdot 37^{17} + 6 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 3) = 8 \cdot 37^{10} + 18 \cdot 37^{11} + 31 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 17 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 1) = 2 \cdot 37^{10} + 34 \cdot 37^{11} + 8 \cdot 37^{12} + 33 \cdot 37^{13} + 35 \cdot 37^{14} + 25 \cdot 37^{15} + 27 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 2) = 20 \cdot 37^{10} + 29 \cdot 37^{11} + 2 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 29 \cdot 37^{17} + 19 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 1) = 17 \cdot 37^{10} + 7 \cdot 37^{11} + 15 \cdot 37^{12} + 5 \cdot 37^{13} + 9 \cdot 37^{14} + 17 \cdot 37^{15} + 2 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 5) = 18 \cdot 37^{10} + 23 \cdot 37^{11} + 30 \cdot 37^{12} + 26 \cdot 37^{13} + 35 \cdot 37^{14} + 14 \cdot 37^{15} + 9 \cdot 37^{16} + 23 \cdot 37^{17} + 17 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 4, 1) = 26 \cdot 37^{10} + 37^{11} + 36 \cdot 37^{12} + 24 \cdot 37^{13} + 3 \cdot 37^{14} + 36 \cdot 37^{15} + 30 \cdot 37^{16} + 26 \cdot 37^{17} + 31 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 2) = 13 \cdot 37^{10} + 31 \cdot 37^{11} + 22 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 27 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 1) = 33 \cdot 37^{10} + 8 \cdot 37^{11} + 10 \cdot 37^{12} + 34 \cdot 37^{13} + 9 \cdot 37^{14} + 13 \cdot 37^{15} + 19 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 3) = 29 \cdot 37^{10} + 3 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 5 \cdot 37^{14} + 20 \cdot 37^{15} + 10 \cdot 37^{16} + 27 \cdot 37^{17} + 29 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 1) = 3 \cdot 37^{10} + 31 \cdot 37^{11} + 23 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 29 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 2) = 19 \cdot 37^{10} + 35 \cdot 37^{11} + 10 \cdot 37^{12} + 17 \cdot 37^{13} + 2 \cdot 37^{14} + 27 \cdot 37^{15} + 28 \cdot 37^{16} + 34 \cdot 37^{17} + 28 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 1) = 18 \cdot 37^{12} + 20 \cdot 37^{13} + 13 \cdot 37^{14} + 12 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 4) = 7 \cdot 37^{10} + 12 \cdot 37^{11} + 26 \cdot 37^{12} + 11 \cdot 37^{13} + 30 \cdot 37^{14} + 8 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 1) = 28 \cdot 37^{10} + 2 \cdot 37^{11} + 19 \cdot 37^{12} + 12 \cdot 37^{13} + 25 \cdot 37^{14} + 23 \cdot 37^{15} + 37^{16} + 24 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 2) = 37^{10} + 35 \cdot 37^{12} + 6 \cdot 37^{13} + 2 \cdot 37^{14} + 18 \cdot 37^{15} + 19 \cdot 37^{16} + 19 \cdot 37^{17} + 16 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 1) = 18 \cdot 37^{12} + 20 \cdot 37^{13} + 13 \cdot 37^{14} + 12 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 3) = 31 \cdot 37^{10} + 9 \cdot 37^{11} + 22 \cdot 37^{12} + 15 \cdot 37^{13} + 34 \cdot 37^{14} + 35 \cdot 37^{15} + 34 \cdot 37^{16} + 35 \cdot 37^{17} + 19 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 1) = 21 \cdot 37^{10} + 29 \cdot 37^{11} + 6 \cdot 37^{12} + 11 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 31 \cdot 37^{16} + 22 \cdot 37^{17} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 2) = 18 \cdot 37^{10} + 37^{11} + 31 \cdot 37^{12} + 7 \cdot 37^{13} + 9 \cdot 37^{14} + 25 \cdot 37^{15} + 20 \cdot 37^{16} + 27 \cdot 37^{17} + 34 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 7) = 2 \cdot 37^{10} + 37^{11} + 19 \cdot 37^{12} + 10 \cdot 37^{13} + 35 \cdot 37^{14} + 27 \cdot 37^{15} + 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 6, 1) = 5 \cdot 37^{10} + 16 \cdot 37^{11} + 27 \cdot 37^{12} + 31 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 7 \cdot 37^{16} + 23 \cdot 37^{17} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 5, 2) = 19 \cdot 37^{10} + 36 \cdot 37^{11} + 7 \cdot 37^{12} + 21 \cdot 37^{14} + 26 \cdot 37^{15} + 16 \cdot 37^{16} + 34 \cdot 37^{17} + 19 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 5, 1, 1) = 12 \cdot 37^{10} + 19 \cdot 37^{11} + 5 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 20 \cdot 37^{15} + 19 \cdot 37^{16} + 19 \cdot 37^{17} + 24 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 3) = 31 \cdot 37^{10} + 18 \cdot 37^{11} + 27 \cdot 37^{12} + 30 \cdot 37^{13} + 22 \cdot 37^{14} + 29 \cdot 37^{15} + 23 \cdot 37^{16} + 26 \cdot 37^{17} + 3 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 2, 1) = 24 \cdot 37^{10} + 21 \cdot 37^{11} + 2 \cdot 37^{12} + 33 \cdot 37^{13} + 16 \cdot 37^{14} + 6 \cdot 37^{15} + 25 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 2) = 33 \cdot 37^{10} + 15 \cdot 37^{11} + 6 \cdot 37^{12} + 7 \cdot 37^{13} + 6 \cdot 37^{14} + 23 \cdot 37^{15} + 8 \cdot 37^{16} + 17 \cdot 37^{17} + 25 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 1) = 29 \cdot 37^{10} + 17 \cdot 37^{11} + 30 \cdot 37^{12} + 30 \cdot 37^{13} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 37^{16} + 37^{17} + 15 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 4) = 18 \cdot 37^{10} + 23 \cdot 37^{11} + 30 \cdot 37^{12} + 26 \cdot 37^{13} + 35 \cdot 37^{14} + 14 \cdot 37^{15} + 9 \cdot 37^{16} + 23 \cdot 37^{17} + 17 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 3, 1) = 11 \cdot 37^{10} + 8 \cdot 37^{11} + 21 \cdot 37^{12} + 36 \cdot 37^{13} + 37^{14} + 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 30 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 2) = 15 \cdot 37^{10} + 28 \cdot 37^{11} + 37^{12} + 24 \cdot 37^{13} + 7 \cdot 37^{14} + 26 \cdot 37^{15} + 11 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 1) = 16 \cdot 37^{10} + 6 \cdot 37^{11} + 17 \cdot 37^{12} + 33 \cdot 37^{13} + 36 \cdot 37^{14} + 23 \cdot 37^{15} + 15 \cdot 37^{16} + 21 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 3) = 32 \cdot 37^{10} + 33 \cdot 37^{11} + 37^{12} + 15 \cdot 37^{13} + 25 \cdot 37^{14} + 19 \cdot 37^{15} + 11 \cdot 37^{16} + 13 \cdot 37^{17} + 21 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 1) = 21 \cdot 37^{10} + 12 \cdot 37^{11} + 13 \cdot 37^{12} + 27 \cdot 37^{13} + 32 \cdot 37^{14} + 15 \cdot 37^{15} + 28 \cdot 37^{16} + 33 \cdot 37^{17} + 28 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 2) = 7 \cdot 37^{10} + 5 \cdot 37^{11} + 33 \cdot 37^{12} + 6 \cdot 37^{13} + 13 \cdot 37^{14} + 22 \cdot 37^{15} + 15 \cdot 37^{16} + 31 \cdot 37^{17} + 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 1) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 5) = 7 \cdot 37^{10} + 28 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 22 \cdot 37^{15} + 33 \cdot 37^{16} + 24 \cdot 37^{17} + 28 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 4, 1) = 27 \cdot 37^{10} + 35 \cdot 37^{11} + 12 \cdot 37^{12} + 27 \cdot 37^{13} + 23 \cdot 37^{14} + 16 \cdot 37^{15} + 23 \cdot 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 2) = 24 \cdot 37^{10} + 26 \cdot 37^{11} + 4 \cdot 37^{12} + 24 \cdot 37^{13} + 37^{14} + 31 \cdot 37^{15} + 35 \cdot 37^{16} + 16 \cdot 37^{17} + 29 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 1) = 15 \cdot 37^{10} + 25 \cdot 37^{11} + 9 \cdot 37^{12} + 15 \cdot 37^{13} + 2 \cdot 37^{14} + 16 \cdot 37^{15} + 15 \cdot 37^{16} + 36 \cdot 37^{17} + 28 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 3) = 13 \cdot 37^{10} + 29 \cdot 37^{11} + 24 \cdot 37^{12} + 16 \cdot 37^{13} + 28 \cdot 37^{14} + 21 \cdot 37^{15} + 25 \cdot 37^{16} + 13 \cdot 37^{17} + 7 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 1) = 8 \cdot 37^{10} + 22 \cdot 37^{11} + 32 \cdot 37^{12} + 36 \cdot 37^{13} + 31 \cdot 37^{14} + 25 \cdot 37^{15} + 15 \cdot 37^{17} + 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 2) = 12 \cdot 37^{10} + 16 \cdot 37^{11} + 36 \cdot 37^{12} + 17 \cdot 37^{13} + 23 \cdot 37^{14} + 20 \cdot 37^{15} + 14 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 1) = 20 \cdot 37^{10} + 29 \cdot 37^{11} + 12 \cdot 37^{12} + 21 \cdot 37^{13} + 2 \cdot 37^{14} + 32 \cdot 37^{15} + 7 \cdot 37^{16} + 31 \cdot 37^{17} + 29 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 4) = 24 \cdot 37^{10} + 18 \cdot 37^{11} + 18 \cdot 37^{12} + 27 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 25 \cdot 37^{16} + 12 \cdot 37^{17} + 3 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 1) = 8 \cdot 37^{10} + 4 \cdot 37^{11} + 30 \cdot 37^{12} + 21 \cdot 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 13 \cdot 37^{16} + 18 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 2) = 26 \cdot 37^{10} + 20 \cdot 37^{11} + 8 \cdot 37^{12} + 25 \cdot 37^{13} + 25 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 8 \cdot 37^{17} + 21 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 1) = 10 \cdot 37^{12} + 6 \cdot 37^{13} + 35 \cdot 37^{14} + 36 \cdot 37^{15} + 30 \cdot 37^{16} + 37^{17} + 10 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 3) = 8 \cdot 37^{10} + 17 \cdot 37^{11} + 10 \cdot 37^{12} + 7 \cdot 37^{13} + 14 \cdot 37^{14} + 18 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 25 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 1) = 16 \cdot 37^{10} + 7 \cdot 37^{11} + 21 \cdot 37^{12} + 15 \cdot 37^{13} + 33 \cdot 37^{14} + 2 \cdot 37^{15} + 16 \cdot 37^{16} + 2 \cdot 37^{17} + 15 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 2) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 30 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 6) = 21 \cdot 37^{10} + 10 \cdot 37^{11} + 5 \cdot 37^{12} + 13 \cdot 37^{13} + 16 \cdot 37^{14} + 16 \cdot 37^{15} + 11 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 5, 1) = 5 \cdot 37^{10} + 16 \cdot 37^{11} + 27 \cdot 37^{12} + 31 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 7 \cdot 37^{16} + 23 \cdot 37^{17} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 2) = 26 \cdot 37^{10} + 22 \cdot 37^{11} + 32 \cdot 37^{12} + 17 \cdot 37^{13} + 14 \cdot 37^{14} + 22 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 1) = 6 \cdot 37^{10} + 5 \cdot 37^{11} + 28 \cdot 37^{12} + 8 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 22 \cdot 37^{16} + 2 \cdot 37^{17} + 15 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 3) = 9 \cdot 37^{10} + 10 \cdot 37^{11} + 19 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 1) = 28 \cdot 37^{10} + 2 \cdot 37^{11} + 33 \cdot 37^{12} + 34 \cdot 37^{13} + 24 \cdot 37^{14} + 30 \cdot 37^{15} + 11 \cdot 37^{16} + 19 \cdot 37^{17} + 3 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 2) = 4 \cdot 37^{10} + 28 \cdot 37^{11} + 36 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{14} + 23 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 1) = 33 \cdot 37^{10} + 8 \cdot 37^{11} + 28 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 25 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 4) = 22 \cdot 37^{10} + 18 \cdot 37^{11} + 28 \cdot 37^{12} + 19 \cdot 37^{13} + 16 \cdot 37^{14} + 25 \cdot 37^{15} + 9 \cdot 37^{16} + 11 \cdot 37^{17} + 19 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 1) = 4 \cdot 37^{10} + 28 \cdot 37^{11} + 36 \cdot 37^{12} + 36 \cdot 37^{13} + 12 \cdot 37^{14} + 4 \cdot 37^{15} + 25 \cdot 37^{16} + 26 \cdot 37^{17} + 32 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 2) = 35 \cdot 37^{10} + 2 \cdot 37^{11} + 5 \cdot 37^{12} + 27 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 36 \cdot 37^{16} + 7 \cdot 37^{17} + 21 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 1) = 25 \cdot 37^{10} + 26 \cdot 37^{11} + 32 \cdot 37^{12} + 6 \cdot 37^{13} + 36 \cdot 37^{14} + 2 \cdot 37^{15} + 5 \cdot 37^{16} + 10 \cdot 37^{17} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 3) = 18 \cdot 37^{10} + 36 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 29 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 19 \cdot 37^{17} + 6 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 1) = 20 \cdot 37^{10} + 32 \cdot 37^{11} + 12 \cdot 37^{12} + 10 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 14 \cdot 37^{16} + 27 \cdot 37^{17} + 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 2) = 19 \cdot 37^{10} + 35 \cdot 37^{11} + 5 \cdot 37^{12} + 29 \cdot 37^{13} + 27 \cdot 37^{14} + 11 \cdot 37^{15} + 16 \cdot 37^{16} + 9 \cdot 37^{17} + 2 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 5) = 2 \cdot 37^{10} + 37^{11} + 19 \cdot 37^{12} + 10 \cdot 37^{13} + 35 \cdot 37^{14} + 27 \cdot 37^{15} + 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 1) = 5 \cdot 37^{10} + 30 \cdot 37^{11} + 9 \cdot 37^{12} + 28 \cdot 37^{13} + 20 \cdot 37^{14} + 9 \cdot 37^{15} + 17 \cdot 37^{16} + 28 \cdot 37^{17} + 19 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 2) = 19 \cdot 37^{10} + 20 \cdot 37^{11} + 24 \cdot 37^{12} + 23 \cdot 37^{13} + 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 33 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 1) = 4 \cdot 37^{10} + 28 \cdot 37^{11} + 6 \cdot 37^{12} + 34 \cdot 37^{13} + 18 \cdot 37^{14} + 17 \cdot 37^{15} + 23 \cdot 37^{16} + 2 \cdot 37^{17} + 36 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 3) = 6 \cdot 37^{10} + 37^{11} + 10 \cdot 37^{12} + 22 \cdot 37^{13} + 20 \cdot 37^{14} + 7 \cdot 37^{16} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 1) = 22 \cdot 37^{10} + 29 \cdot 37^{11} + 21 \cdot 37^{12} + 6 \cdot 37^{13} + 9 \cdot 37^{14} + 24 \cdot 37^{15} + 5 \cdot 37^{16} + 12 \cdot 37^{17} + 36 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 2) = 18 \cdot 37^{10} + 37^{11} + 37^{12} + 33 \cdot 37^{13} + 2 \cdot 37^{14} + 19 \cdot 37^{15} + 32 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 4) = 37^{10} + 19 \cdot 37^{11} + 9 \cdot 37^{12} + 5 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 19 \cdot 37^{16} + 17 \cdot 37^{17} + 22 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 1) = 37^{10} + 30 \cdot 37^{11} + 10 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 34 \cdot 37^{16} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 2) = 34 \cdot 37^{10} + 5 \cdot 37^{11} + 7 \cdot 37^{12} + 19 \cdot 37^{14} + 17 \cdot 37^{15} + 15 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(37^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3) = 28 \cdot 37^{10} + 4 \cdot 37^{11} + 30 \cdot 37^{12} + 19 \cdot 37^{13} + 27 \cdot 37^{14} + 12 \cdot 37^{15} + 23 \cdot 37^{16} + 13 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1) = O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2) = O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \end{aligned}$$

12.12. **weight 11 case.**

$$\begin{aligned} \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(11) = 9 \cdot 37^{11} + 5 \cdot 37^{12} + 23 \cdot 37^{13} + 24 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 5 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(10, 1) = 20 \cdot 37^{11} + 5 \cdot 37^{12} + 9 \cdot 37^{13} + 27 \cdot 37^{15} + 17 \cdot 37^{16} + 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(9, 2) = 21 \cdot 37^{11} + 30 \cdot 37^{12} + 32 \cdot 37^{13} + 35 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(9, 1, 1) = 11 \cdot 37^{11} + 12 \cdot 37^{12} + 24 \cdot 37^{13} + 26 \cdot 37^{14} + 12 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 21 \cdot 37^{18} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(8, 3) = 30 \cdot 37^{11} + 8 \cdot 37^{12} + 3 \cdot 37^{13} + 28 \cdot 37^{14} + 9 \cdot 37^{15} + 23 \cdot 37^{16} + 6 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(8, 2, 1) = 29 \cdot 37^{11} + 13 \cdot 37^{12} + 30 \cdot 37^{13} + 18 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 19 \cdot 37^{17} + 32 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(8, 1, 2) = 23 \cdot 37^{11} + 31 \cdot 37^{12} + 5 \cdot 37^{13} + 28 \cdot 37^{14} + 15 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 34 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(8, 1, 1, 1) = 31 \cdot 37^{11} + 19 \cdot 37^{12} + 22 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{16} + 21 \cdot 37^{17} + 30 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(7, 4) = 19 \cdot 37^{11} + 11 \cdot 37^{12} + 14 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 13 \cdot 37^{16} + 5 \cdot 37^{17} + 6 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(7, 3, 1) = 19 \cdot 37^{11} + 23 \cdot 37^{12} + 7 \cdot 37^{13} + 23 \cdot 37^{14} + 26 \cdot 37^{15} + 31 \cdot 37^{16} + 31 \cdot 37^{17} + 25 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(7, 2, 2) = 13 \cdot 37^{11} + 2 \cdot 37^{12} + 28 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 14 \cdot 37^{16} + 34 \cdot 37^{17} + 11 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(7, 2, 1, 1) = 12 \cdot 37^{11} + 9 \cdot 37^{12} + 7 \cdot 37^{13} + 32 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 5 \cdot 37^{17} + 30 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(7, 1, 3) = 21 \cdot 37^{11} + 33 \cdot 37^{12} + 6 \cdot 37^{13} + 31 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 37^{17} + 11 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(7, 1, 2, 1) = 21 \cdot 37^{11} + 22 \cdot 37^{12} + 2 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 32 \cdot 37^{16} + 18 \cdot 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(7, 1, 1, 2) = 5 \cdot 37^{11} + 32 \cdot 37^{12} + 30 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 28 \cdot 37^{17} + 25 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(7, 1, 1, 1, 1) = 20 \cdot 37^{11} + 4 \cdot 37^{12} + 29 \cdot 37^{13} + 18 \cdot 37^{14} + 19 \cdot 37^{15} + 24 \cdot 37^{16} + 31 \cdot 37^{17} + 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(6, 5) = 7 \cdot 37^{11} + 7 \cdot 37^{12} + 26 \cdot 37^{13} + 15 \cdot 37^{14} + 21 \cdot 37^{15} + 36 \cdot 37^{16} + 36 \cdot 37^{17} + 35 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(6, 4, 1) = 15 \cdot 37^{11} + 30 \cdot 37^{12} + 2 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 20 \cdot 37^{16} + 25 \cdot 37^{17} + 28 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(6, 3, 2) = 26 \cdot 37^{11} + 16 \cdot 37^{12} + 22 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 24 \cdot 37^{16} + 21 \cdot 37^{17} + 7 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(6, 3, 1, 1) = 10 \cdot 37^{11} + 16 \cdot 37^{12} + 2 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 12 \cdot 37^{16} + 16 \cdot 37^{17} + 18 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(6, 2, 3) = 9 \cdot 37^{11} + 12 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 22 \cdot 37^{15} + 4 \cdot 37^{16} + 7 \cdot 37^{17} + 36 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(6, 2, 2, 1) = 31 \cdot 37^{11} + 5 \cdot 37^{12} + 6 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 26 \cdot 37^{16} + 9 \cdot 37^{17} + 13 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(6, 2, 1, 2) = 6 \cdot 37^{11} + 18 \cdot 37^{13} + 4 \cdot 37^{14} + 15 \cdot 37^{15} + 8 \cdot 37^{16} + 28 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(6, 2, 1, 1, 1) = 27 \cdot 37^{11} + 34 \cdot 37^{12} + 16 \cdot 37^{13} + 16 \cdot 37^{14} + 15 \cdot 37^{15} + 9 \cdot 37^{16} + 20 \cdot 37^{17} + 17 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(6, 1, 4) = 11 \cdot 37^{12} + 6 \cdot 37^{13} + 32 \cdot 37^{14} + 35 \cdot 37^{15} + 26 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(6, 1, 3, 1) = 6 \cdot 37^{11} + 28 \cdot 37^{12} + 2 \cdot 37^{13} + 19 \cdot 37^{14} + 26 \cdot 37^{15} + 29 \cdot 37^{16} + 14 \cdot 37^{17} + 24 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(6, 1, 2, 2) = 7 \cdot 37^{11} + 8 \cdot 37^{12} + 13 \cdot 37^{13} + 14 \cdot 37^{14} + 15 \cdot 37^{15} + 36 \cdot 37^{16} + 30 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(6, 1, 2, 1, 1) = 26 \cdot 37^{11} + 8 \cdot 37^{12} + 33 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 17 \cdot 37^{17} + 10 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(6, 1, 1, 3) = 31 \cdot 37^{11} + 14 \cdot 37^{12} + 24 \cdot 37^{13} + 17 \cdot 37^{14} + 33 \cdot 37^{15} + 13 \cdot 37^{16} + 25 \cdot 37^{17} + 26 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(6, 1, 1, 2, 1) = 15 \cdot 37^{11} + 27 \cdot 37^{12} + 17 \cdot 37^{13} + 29 \cdot 37^{14} + 2 \cdot 37^{15} + 5 \cdot 37^{16} + 23 \cdot 37^{17} + 8 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(6, 1, 1, 1, 2) = 21 \cdot 37^{11} + 11 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 16 \cdot 37^{15} + 22 \cdot 37^{17} + 19 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(6, 1, 1, 1, 1) = 6 \cdot 37^{11} + 9 \cdot 37^{12} + 13 \cdot 37^{13} + 31 \cdot 37^{15} + 16 \cdot 37^{16} + 20 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(5, 6) = 21 \cdot 37^{11} + 24 \cdot 37^{12} + 24 \cdot 37^{13} + 33 \cdot 37^{14} + 13 \cdot 37^{15} + 3 \cdot 37^{16} + 32 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(5, 5, 1) = 5 \cdot 37^{11} + 8 \cdot 37^{12} + 35 \cdot 37^{13} + 10 \cdot 37^{14} + 23 \cdot 37^{15} + 22 \cdot 37^{16} + 2 \cdot 37^{17} + 2 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(5, 4, 2) = 31 \cdot 37^{11} + 19 \cdot 37^{12} + 13 \cdot 37^{13} + 32 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(5, 4, 1, 1) = 7 \cdot 37^{11} + 26 \cdot 37^{12} + 2 \cdot 37^{13} + 14 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{16} + 26 \cdot 37^{17} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(5, 3, 3) = 8 \cdot 37^{11} + 16 \cdot 37^{12} + 19 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 33 \cdot 37^{16} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(5, 3, 2, 1) = 3 \cdot 37^{11} + 30 \cdot 37^{12} + 30 \cdot 37^{13} + 36 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 20 \cdot 37^{17} + 23 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(5, 3, 1, 2) = 11 \cdot 37^{11} + 10 \cdot 37^{12} + 32 \cdot 37^{13} + 26 \cdot 37^{14} + 37^{15} + 4 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(5, 3, 1, 1, 1) = 3 \cdot 37^{11} + 24 \cdot 37^{12} + 3 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 19 \cdot 37^{16} + 28 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(5, 2, 4) = 16 \cdot 37^{11} + 3 \cdot 37^{12} + 34 \cdot 37^{13} + 8 \cdot 37^{14} + 21 \cdot 37^{15} + 11 \cdot 37^{16} + 30 \cdot 37^{17} + 18 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(5, 2, 3, 1) = 22 \cdot 37^{11} + 32 \cdot 37^{12} + 15 \cdot 37^{13} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(5, 2, 2, 2) = 4 \cdot 37^{11} + 34 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 13 \cdot 37^{16} + 7 \cdot 37^{17} + 35 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(5, 2, 2, 1, 1) = 37^{11} + 32 \cdot 37^{12} + 7 \cdot 37^{13} + 23 \cdot 37^{14} + 30 \cdot 37^{15} + 11 \cdot 37^{16} + 17 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(5, 2, 1, 3) = 19 \cdot 37^{11} + 14 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(5, 2, 1, 2, 1) = 15 \cdot 37^{11} + 4 \cdot 37^{12} + 21 \cdot 37^{13} + 26 \cdot 37^{14} + 17 \cdot 37^{15} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 15 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(5, 2, 1, 1, 2) = 24 \cdot 37^{11} + 36 \cdot 37^{12} + 3 \cdot 37^{13} + 33 \cdot 37^{14} + 35 \cdot 37^{15} + 7 \cdot 37^{16} + 24 \cdot 37^{17} + 27 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(5, 2, 1, 1, 1, 1) = 15 \cdot 37^{11} + 15 \cdot 37^{12} + 5 \cdot 37^{13} + 29 \cdot 37^{15} + 24 \cdot 37^{16} + 33 \cdot 37^{17} + 2 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(5, 1, 5) = 23 \cdot 37^{11} + 2 \cdot 37^{12} + 8 \cdot 37^{13} + 32 \cdot 37^{14} + 10 \cdot 37^{15} + 35 \cdot 37^{16} + 35 \cdot 37^{17} + 25 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(5, 1, 4, 1) = 5 \cdot 37^{11} + 6 \cdot 37^{12} + 30 \cdot 37^{13} + 17 \cdot 37^{14} + 5 \cdot 37^{15} + 13 \cdot 37^{16} + 10 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(5, 1, 3, 2) = 4 \cdot 37^{11} + 7 \cdot 37^{12} + 31 \cdot 37^{13} + 3 \cdot 37^{14} + 2 \cdot 37^{15} + 33 \cdot 37^{16} + 15 \cdot 37^{17} + 30 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(5, 1, 3, 1, 1) = 9 \cdot 37^{11} + 32 \cdot 37^{12} + 22 \cdot 37^{13} + 2 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 4 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(5, 1, 2, 3) = 29 \cdot 37^{11} + 34 \cdot 37^{12} + 4 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 29 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(5, 1, 2, 2, 1) = 32 \cdot 37^{11} + 10 \cdot 37^{12} + 33 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 25 \cdot 37^{16} + 31 \cdot 37^{17} + 29 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(5, 1, 2, 1, 2) = 30 \cdot 37^{11} + 8 \cdot 37^{12} + 12 \cdot 37^{13} + 36 \cdot 37^{14} + 6 \cdot 37^{15} + 34 \cdot 37^{16} + 35 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(5, 1, 2, 1, 1, 1) = 25 \cdot 37^{11} + 13 \cdot 37^{12} + 10 \cdot 37^{13} + 4 \cdot 37^{14} + 4 \cdot 37^{15} + 34 \cdot 37^{16} + 27 \cdot 37^{17} + 19 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(5, 1, 1, 4) = 21 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 23 \cdot 37^{17} + 11 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(5, 1, 1, 3, 1) = 10 \cdot 37^{11} + 6 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 14 \cdot 37^{15} + 34 \cdot 37^{16} + 4 \cdot 37^{17} + 11 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(5, 1, 1, 2, 2) = 12 \cdot 37^{11} + 22 \cdot 37^{12} + 3 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 25 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(5, 1, 1, 2, 1, 1) = 20 \cdot 37^{11} + 29 \cdot 37^{12} + 34 \cdot 37^{13} + 27 \cdot 37^{14} + 16 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 3 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(5, 1, 1, 1, 3) = 20 \cdot 37^{11} + 21 \cdot 37^{12} + 18 \cdot 37^{13} + 28 \cdot 37^{14} + 26 \cdot 37^{15} + 2 \cdot 37^{16} + 14 \cdot 37^{17} + 25 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(5, 1, 1, 1, 2, 1) = 11 \cdot 37^{11} + 16 \cdot 37^{12} + 25 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 29 \cdot 37^{17} + 34 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(5, 1, 1, 1, 2) = 21 \cdot 37^{11} + 11 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 16 \cdot 37^{15} + 22 \cdot 37^{17} + 19 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(5, 1, 1, 1, 1, 1) = 23 \cdot 37^{11} + 16 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 14 \cdot 37^{16} + 18 \cdot 37^{17} + 36 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(4, 7) = 9 \cdot 37^{11} + 20 \cdot 37^{12} + 36 \cdot 37^{13} + 12 \cdot 37^{14} + 20 \cdot 37^{15} + 26 \cdot 37^{16} + 31 \cdot 37^{17} + 24 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(4, 6, 1) = 32 \cdot 37^{11} + 19 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 28 \cdot 37^{17} + 25 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 5, 2) = 22 \cdot 37^{11} + 32 \cdot 37^{12} + 5 \cdot 37^{13} + 22 \cdot 37^{15} + 24 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 5, 1, 1) = 2 \cdot 37^{11} + 8 \cdot 37^{12} + 4 \cdot 37^{13} + 16 \cdot 37^{14} + 9 \cdot 37^{15} + 7 \cdot 37^{16} + 6 \cdot 37^{17} + 16 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 4, 3) = 17 \cdot 37^{11} + 21 \cdot 37^{12} + 32 \cdot 37^{13} + 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{16} + 25 \cdot 37^{17} + 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 4, 2, 1) = 16 \cdot 37^{11} + 18 \cdot 37^{12} + 30 \cdot 37^{14} + 21 \cdot 37^{15} + 26 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 4, 1, 2) = 4 \cdot 37^{11} + 32 \cdot 37^{12} + 7 \cdot 37^{13} + 27 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 29 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 4, 1, 1, 1) = 32 \cdot 37^{11} + 19 \cdot 37^{12} + 23 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 35 \cdot 37^{16} + 8 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 3, 4) = 37^{11} + 2 \cdot 37^{12} + 6 \cdot 37^{13} + 29 \cdot 37^{14} + 14 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 25 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 3, 3, 1) = 28 \cdot 37^{11} + 9 \cdot 37^{12} + 15 \cdot 37^{13} + 3 \cdot 37^{14} + 19 \cdot 37^{15} + 32 \cdot 37^{16} + 2 \cdot 37^{17} + 22 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 3, 2, 2) = 21 \cdot 37^{11} + 5 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 4 \cdot 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 25 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 3, 2, 1, 1) = 23 \cdot 37^{11} + 17 \cdot 37^{12} + 30 \cdot 37^{13} + 34 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 15 \cdot 37^{17} + 4 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 3, 1, 3) = 37^{11} + 36 \cdot 37^{12} + 27 \cdot 37^{13} + 21 \cdot 37^{14} + 33 \cdot 37^{15} + 31 \cdot 37^{16} + 23 \cdot 37^{17} + 29 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 3, 1, 2, 1) = 31 \cdot 37^{11} + 32 \cdot 37^{12} + 36 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 32 \cdot 37^{16} + 33 \cdot 37^{17} + 14 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 3, 1, 1, 2) = 30 \cdot 37^{11} + 15 \cdot 37^{12} + 13 \cdot 37^{13} + 37^{14} + 32 \cdot 37^{15} + 16 \cdot 37^{16} + 7 \cdot 37^{17} + 2 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 3, 1, 1, 1, 1) = 20 \cdot 37^{11} + 27 \cdot 37^{12} + 30 \cdot 37^{13} + 22 \cdot 37^{14} + 14 \cdot 37^{15} + 26 \cdot 37^{16} + 4 \cdot 37^{17} + 3 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 2, 5) = 28 \cdot 37^{11} + 20 \cdot 37^{12} + 19 \cdot 37^{13} + 37^{14} + 3 \cdot 37^{15} + 7 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 2, 4, 1) = 33 \cdot 37^{11} + 14 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 6 \cdot 37^{16} + 33 \cdot 37^{17} + 17 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 2, 3, 2) = 18 \cdot 37^{11} + 25 \cdot 37^{12} + 8 \cdot 37^{13} + 34 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 18 \cdot 37^{17} + 34 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 2, 3, 1, 1) = 16 \cdot 37^{11} + 3 \cdot 37^{12} + 24 \cdot 37^{13} + 18 \cdot 37^{14} + 11 \cdot 37^{15} + 15 \cdot 37^{16} + 30 \cdot 37^{17} + 19 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 2, 2, 3) = 21 \cdot 37^{11} + 16 \cdot 37^{12} + 33 \cdot 37^{13} + 10 \cdot 37^{14} + 17 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 25 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 2, 2, 2, 1) = 7 \cdot 37^{12} + 30 \cdot 37^{13} + 10 \cdot 37^{14} + 23 \cdot 37^{15} + 16 \cdot 37^{16} + 6 \cdot 37^{17} + 18 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 2, 2, 1, 2) = 9 \cdot 37^{12} + 35 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 8 \cdot 37^{16} + 27 \cdot 37^{17} + 24 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 2, 2, 1, 1, 1) = 28 \cdot 37^{11} + 11 \cdot 37^{12} + 8 \cdot 37^{13} + 30 \cdot 37^{14} + 19 \cdot 37^{15} + 15 \cdot 37^{16} + 11 \cdot 37^{17} + 21 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 2, 1, 4) = 31 \cdot 37^{11} + 4 \cdot 37^{12} + 5 \cdot 37^{13} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 32 \cdot 37^{16} + 14 \cdot 37^{17} + 22 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 2, 1, 3, 1) = 37^{11} + 13 \cdot 37^{12} + 20 \cdot 37^{13} + 10 \cdot 37^{14} + 29 \cdot 37^{15} + 37^{16} + 9 \cdot 37^{17} + 33 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 2, 1, 2, 2) = 14 \cdot 37^{11} + 26 \cdot 37^{12} + 31 \cdot 37^{13} + 10 \cdot 37^{14} + 28 \cdot 37^{15} + 30 \cdot 37^{16} + 12 \cdot 37^{17} + 16 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 2, 1, 2, 1, 1) = 15 \cdot 37^{11} + 13 \cdot 37^{12} + 20 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 35 \cdot 37^{16} + 23 \cdot 37^{17} + 9 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 2, 1, 1, 3) = 25 \cdot 37^{11} + 10 \cdot 37^{12} + 23 \cdot 37^{13} + 35 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 14 \cdot 37^{17} + 36 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 2, 1, 1, 2, 1) = 2 \cdot 37^{11} + 24 \cdot 37^{12} + 28 \cdot 37^{13} + 2 \cdot 37^{14} + 26 \cdot 37^{15} + 29 \cdot 37^{16} + 4 \cdot 37^{17} + 30 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 2, 1, 1, 1, 2) = 24 \cdot 37^{11} + 36 \cdot 37^{12} + 3 \cdot 37^{13} + 33 \cdot 37^{14} + 35 \cdot 37^{15} + 7 \cdot 37^{16} + 24 \cdot 37^{17} + 27 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 2, 1, 1, 1, 1, 1) = 5 \cdot 37^{11} + 16 \cdot 37^{12} + 18 \cdot 37^{13} + 28 \cdot 37^{14} + 27 \cdot 37^{15} + 26 \cdot 37^{16} + 12 \cdot 37^{17} + 30 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 6) = 35 \cdot 37^{11} + 34 \cdot 37^{12} + 32 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 36 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 5, 1) = 29 \cdot 37^{11} + 12 \cdot 37^{12} + 8 \cdot 37^{13} + 31 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 4, 2) = 16 \cdot 37^{11} + 28 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 34 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 4, 1, 1) = 11 \cdot 37^{11} + 35 \cdot 37^{12} + 9 \cdot 37^{13} + 23 \cdot 37^{14} + 12 \cdot 37^{15} + 28 \cdot 37^{16} + 19 \cdot 37^{17} + 14 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 3, 3) = 24 \cdot 37^{11} + 26 \cdot 37^{12} + 36 \cdot 37^{13} + 4 \cdot 37^{14} + 30 \cdot 37^{15} + 21 \cdot 37^{16} + 6 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 3, 2, 1) = 7 \cdot 37^{11} + 21 \cdot 37^{12} + 27 \cdot 37^{13} + 20 \cdot 37^{14} + 31 \cdot 37^{15} + 36 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 3, 1, 2) = 7 \cdot 37^{11} + 27 \cdot 37^{12} + 17 \cdot 37^{13} + 3 \cdot 37^{15} + 7 \cdot 37^{16} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 3, 1, 1, 1) = 27 \cdot 37^{11} + 3 \cdot 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 3 \cdot 37^{15} + 28 \cdot 37^{16} + 7 \cdot 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 2, 4) = 7 \cdot 37^{11} + 30 \cdot 37^{12} + 2 \cdot 37^{13} + 2 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 25 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 2, 3, 1) = 34 \cdot 37^{11} + 14 \cdot 37^{12} + 33 \cdot 37^{13} + 15 \cdot 37^{14} + 19 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 25 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 2, 2, 2) = 25 \cdot 37^{11} + 12 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 6 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 2, 2, 1, 1) = 9 \cdot 37^{11} + 15 \cdot 37^{12} + 10 \cdot 37^{13} + 22 \cdot 37^{14} + 25 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 19 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 2, 1, 3) = 37^{11} + 31 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 21 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{17} + 9 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 2, 1, 2, 1) = 14 \cdot 37^{11} + 32 \cdot 37^{12} + 11 \cdot 37^{13} + 21 \cdot 37^{14} + 19 \cdot 37^{15} + 34 \cdot 37^{16} + 22 \cdot 37^{17} + 20 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 2, 1, 1, 2) = 30 \cdot 37^{11} + 15 \cdot 37^{12} + 13 \cdot 37^{13} + 37^{14} + 32 \cdot 37^{15} + 16 \cdot 37^{16} + 7 \cdot 37^{17} + 2 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 2, 1, 1, 1, 1) = 28 \cdot 37^{11} + 19 \cdot 37^{12} + 27 \cdot 37^{13} + 23 \cdot 37^{14} + 24 \cdot 37^{15} + 37^{16} + 9 \cdot 37^{17} + 31 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 5) = 32 \cdot 37^{11} + 21 \cdot 37^{12} + 7 \cdot 37^{13} + 36 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 4, 1) = 35 \cdot 37^{11} + 24 \cdot 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 10 \cdot 37^{15} + 10 \cdot 37^{16} + 23 \cdot 37^{17} + 32 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 3, 2) = 24 \cdot 37^{11} + 11 \cdot 37^{13} + 13 \cdot 37^{14} + 7 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 26 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 3, 1, 1) = 4 \cdot 37^{11} + 19 \cdot 37^{12} + 35 \cdot 37^{13} + 7 \cdot 37^{14} + 37^{15} + 18 \cdot 37^{16} + 26 \cdot 37^{17} + 3 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 2, 3) = 34 \cdot 37^{11} + 20 \cdot 37^{12} + 23 \cdot 37^{13} + 6 \cdot 37^{14} + 28 \cdot 37^{15} + 33 \cdot 37^{16} + 28 \cdot 37^{17} + 22 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 2, 2, 1) = 15 \cdot 37^{11} + 12 \cdot 37^{12} + 37^{13} + 33 \cdot 37^{14} + 5 \cdot 37^{15} + 12 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 2, 1, 2) = 35 \cdot 37^{11} + 36 \cdot 37^{12} + 34 \cdot 37^{13} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 9 \cdot 37^{16} + 27 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 2, 1, 1, 1) = 6 \cdot 37^{11} + 27 \cdot 37^{12} + 25 \cdot 37^{13} + 18 \cdot 37^{14} + 29 \cdot 37^{15} + 25 \cdot 37^{16} + 2 \cdot 37^{17} + 6 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 4) = 18 \cdot 37^{11} + 22 \cdot 37^{12} + 3 \cdot 37^{13} + 33 \cdot 37^{14} + 37^{15} + 37^{16} + 24 \cdot 37^{17} + 10 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 3, 1) = 25 \cdot 37^{11} + 27 \cdot 37^{12} + 36 \cdot 37^{13} + 5 \cdot 37^{14} + 35 \cdot 37^{15} + 6 \cdot 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 2, 2) = 29 \cdot 37^{11} + 34 \cdot 37^{12} + 23 \cdot 37^{13} + 19 \cdot 37^{14} + 27 \cdot 37^{15} + 20 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 2, 1, 1) = 36 \cdot 37^{11} + 2 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 4 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 3) = 21 \cdot 37^{11} + 30 \cdot 37^{12} + 11 \cdot 37^{13} + 29 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 12 \cdot 37^{17} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 2, 1) = 6 \cdot 37^{11} + 28 \cdot 37^{12} + 30 \cdot 37^{13} + 20 \cdot 37^{14} + 3 \cdot 37^{15} + 21 \cdot 37^{16} + 7 \cdot 37^{17} + 23 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 2) = 5 \cdot 37^{11} + 32 \cdot 37^{12} + 30 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 28 \cdot 37^{17} + 25 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 1, 1) = 7 \cdot 37^{11} + 16 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{15} + 37^{16} + 8 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 8) = 35 \cdot 37^{11} + 22 \cdot 37^{12} + 10 \cdot 37^{13} + 21 \cdot 37^{14} + 25 \cdot 37^{15} + 16 \cdot 37^{16} + 30 \cdot 37^{17} + 10 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 7, 1) = 32 \cdot 37^{11} + 23 \cdot 37^{12} + 37^{13} + 11 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 7 \cdot 37^{17} + 8 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 6, 2) = 31 \cdot 37^{11} + 30 \cdot 37^{12} + 24 \cdot 37^{13} + 20 \cdot 37^{14} + 7 \cdot 37^{15} + 8 \cdot 37^{16} + 35 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 6, 1, 1) = 18 \cdot 37^{11} + 26 \cdot 37^{12} + 29 \cdot 37^{13} + 10 \cdot 37^{14} + 4 \cdot 37^{15} + 3 \cdot 37^{16} + 15 \cdot 37^{17} + 34 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 5, 3) = 31 \cdot 37^{11} + 19 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 6 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 5, 2, 1) = 32 \cdot 37^{11} + 10 \cdot 37^{14} + 33 \cdot 37^{16} + 32 \cdot 37^{17} + 25 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 5, 1, 2) = 3 \cdot 37^{11} + 37^{12} + 25 \cdot 37^{13} + 17 \cdot 37^{14} + 35 \cdot 37^{15} + 27 \cdot 37^{16} + 15 \cdot 37^{17} + 18 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 5, 1, 1, 1) = 27 \cdot 37^{11} + 20 \cdot 37^{12} + 30 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 4, 4) = 28 \cdot 37^{11} + 18 \cdot 37^{12} + 21 \cdot 37^{13} + 30 \cdot 37^{14} + 27 \cdot 37^{15} + 5 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 4, 3, 1) = 16 \cdot 37^{11} + 24 \cdot 37^{12} + 26 \cdot 37^{13} + 12 \cdot 37^{14} + 11 \cdot 37^{15} + 20 \cdot 37^{16} + 14 \cdot 37^{17} + 9 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 4, 2, 2) = 26 \cdot 37^{11} + 8 \cdot 37^{12} + 20 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 22 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 4, 2, 1, 1) = 20 \cdot 37^{11} + 19 \cdot 37^{12} + 17 \cdot 37^{13} + 15 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{16} + 16 \cdot 37^{17} + 32 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 4, 1, 3) = 26 \cdot 37^{11} + 21 \cdot 37^{12} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 29 \cdot 37^{15} + 7 \cdot 37^{16} + 6 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 4, 1, 2, 1) = 22 \cdot 37^{11} + 6 \cdot 37^{12} + 30 \cdot 37^{13} + 31 \cdot 37^{14} + 33 \cdot 37^{15} + 31 \cdot 37^{16} + 33 \cdot 37^{17} + 23 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 4, 1, 1, 2) = 35 \cdot 37^{11} + 36 \cdot 37^{12} + 34 \cdot 37^{13} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 9 \cdot 37^{16} + 27 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 4, 1, 1, 1, 1) = 31 \cdot 37^{11} + 37^{12} + 18 \cdot 37^{13} + 8 \cdot 37^{14} + 30 \cdot 37^{15} + 23 \cdot 37^{16} + 4 \cdot 37^{17} + 3 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 3, 5) = 7 \cdot 37^{11} + 18 \cdot 37^{12} + 27 \cdot 37^{13} + 11 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{16} + 17 \cdot 37^{17} + 14 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 3, 4, 1) = 27 \cdot 37^{11} + 6 \cdot 37^{12} + 24 \cdot 37^{13} + 5 \cdot 37^{14} + 2 \cdot 37^{15} + 27 \cdot 37^{16} + 33 \cdot 37^{17} + 35 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 3, 3, 2) = 35 \cdot 37^{11} + 15 \cdot 37^{12} + 27 \cdot 37^{13} + 25 \cdot 37^{14} + 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 16 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 3, 3, 1, 1) = 21 \cdot 37^{11} + 32 \cdot 37^{12} + 25 \cdot 37^{13} + 3 \cdot 37^{14} + 3 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 33 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 3, 2, 3) = 29 \cdot 37^{11} + 10 \cdot 37^{12} + 9 \cdot 37^{13} + 33 \cdot 37^{14} + 6 \cdot 37^{15} + 30 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 3, 2, 2, 1) = 37^{11} + 15 \cdot 37^{12} + 32 \cdot 37^{13} + 6 \cdot 37^{14} + 36 \cdot 37^{15} + 5 \cdot 37^{16} + 9 \cdot 37^{17} + 14 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 3, 2, 1, 2) = 21 \cdot 37^{11} + 24 \cdot 37^{12} + 20 \cdot 37^{13} + 16 \cdot 37^{14} + 36 \cdot 37^{15} + 15 \cdot 37^{16} + 24 \cdot 37^{17} + 31 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 3, 2, 1, 1, 1) = 30 \cdot 37^{11} + 33 \cdot 37^{12} + 5 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 10 \cdot 37^{16} + 33 \cdot 37^{17} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 3, 1, 4) = 19 \cdot 37^{11} + 4 \cdot 37^{12} + 8 \cdot 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 36 \cdot 37^{16} + 2 \cdot 37^{17} + 32 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 3, 1, 3, 1) = 20 \cdot 37^{11} + 15 \cdot 37^{12} + 28 \cdot 37^{13} + 6 \cdot 37^{14} + 19 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 17 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 3, 1, 2, 2) = 36 \cdot 37^{11} + 15 \cdot 37^{12} + 4 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 35 \cdot 37^{17} + 26 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 3, 1, 2, 1, 1) = 30 \cdot 37^{11} + 27 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 11 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 3, 1, 1, 3) = 15 \cdot 37^{11} + 32 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 35 \cdot 37^{17} + 36 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 3, 1, 1, 2, 1) = 24 \cdot 37^{11} + 11 \cdot 37^{12} + 11 \cdot 37^{13} + 23 \cdot 37^{14} + 19 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 3, 1, 1, 1, 2) = 30 \cdot 37^{11} + 8 \cdot 37^{12} + 12 \cdot 37^{13} + 36 \cdot 37^{14} + 6 \cdot 37^{15} + 34 \cdot 37^{16} + 35 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 3, 1, 1, 1, 1, 1) = 7 \cdot 37^{11} + 27 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{16} + 32 \cdot 37^{17} + 8 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 6) = 35 \cdot 37^{11} + 9 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 29 \cdot 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 36 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 5, 1) = 22 \cdot 37^{11} + 18 \cdot 37^{12} + 37^{13} + 26 \cdot 37^{14} + 28 \cdot 37^{15} + 36 \cdot 37^{16} + 17 \cdot 37^{17} + 3 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 4, 2) = 20 \cdot 37^{11} + 33 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 30 \cdot 37^{15} + 7 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 4, 1, 1) = 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 16 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 3, 3) = 15 \cdot 37^{11} + 9 \cdot 37^{12} + 27 \cdot 37^{13} + 34 \cdot 37^{14} + 31 \cdot 37^{15} + 5 \cdot 37^{16} + 22 \cdot 37^{17} + 28 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 3, 2, 1) = 36 \cdot 37^{11} + 29 \cdot 37^{12} + 13 \cdot 37^{13} + 30 \cdot 37^{14} + 28 \cdot 37^{15} + 17 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 3, 1, 2) = 5 \cdot 37^{11} + 6 \cdot 37^{12} + 28 \cdot 37^{13} + 16 \cdot 37^{14} + 17 \cdot 37^{15} + 25 \cdot 37^{16} + 17 \cdot 37^{17} + 23 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 3, 1, 1, 1) = 6 \cdot 37^{11} + 31 \cdot 37^{12} + 7 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 12 \cdot 37^{16} + 27 \cdot 37^{17} + 24 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 2, 4) = 2 \cdot 37^{11} + 20 \cdot 37^{12} + 33 \cdot 37^{13} + 7 \cdot 37^{14} + 14 \cdot 37^{15} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 2, 3, 1) = 20 \cdot 37^{11} + 9 \cdot 37^{12} + 34 \cdot 37^{13} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 2, 2, 2) = 14 \cdot 37^{11} + 34 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 23 \cdot 37^{15} + 35 \cdot 37^{16} + 12 \cdot 37^{17} + 14 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 2, 2, 1, 1) = 31 \cdot 37^{11} + 9 \cdot 37^{12} + 5 \cdot 37^{13} + 16 \cdot 37^{14} + 18 \cdot 37^{15} + 12 \cdot 37^{16} + 5 \cdot 37^{17} + 19 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 2, 1, 3) = 19 \cdot 37^{11} + 24 \cdot 37^{12} + 17 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 2, 1, 2, 1) = 7 \cdot 37^{11} + 13 \cdot 37^{12} + 11 \cdot 37^{13} + 15 \cdot 37^{14} + 37^{15} + 11 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 2, 1, 1, 2) = 9 \cdot 37^{12} + 35 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 8 \cdot 37^{16} + 27 \cdot 37^{17} + 24 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 2, 1, 1, 1, 1) = 27 \cdot 37^{11} + 31 \cdot 37^{12} + 34 \cdot 37^{13} + 24 \cdot 37^{14} + 18 \cdot 37^{15} + 30 \cdot 37^{16} + 13 \cdot 37^{17} + 25 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 5) = 32 \cdot 37^{11} + 29 \cdot 37^{13} + 31 \cdot 37^{14} + 21 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 4, 1) = 3 \cdot 37^{11} + 18 \cdot 37^{12} + 29 \cdot 37^{13} + 5 \cdot 37^{14} + 30 \cdot 37^{15} + 17 \cdot 37^{16} + 17 \cdot 37^{17} + 20 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 3, 2) = 21 \cdot 37^{11} + 36 \cdot 37^{12} + 2 \cdot 37^{13} + 23 \cdot 37^{14} + 13 \cdot 37^{15} + 10 \cdot 37^{16} + 19 \cdot 37^{17} + 34 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 3, 1, 1) = 30 \cdot 37^{11} + 2 \cdot 37^{12} + 30 \cdot 37^{13} + 16 \cdot 37^{14} + 29 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 27 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 2, 3) = 8 \cdot 37^{11} + 10 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{14} + 16 \cdot 37^{16} + 8 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 2, 2, 1) = 15 \cdot 37^{11} + 22 \cdot 37^{12} + 5 \cdot 37^{13} + 36 \cdot 37^{14} + 10 \cdot 37^{15} + 12 \cdot 37^{16} + 8 \cdot 37^{17} + 16 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 2, 1, 2) = 21 \cdot 37^{11} + 24 \cdot 37^{12} + 20 \cdot 37^{13} + 16 \cdot 37^{14} + 36 \cdot 37^{15} + 15 \cdot 37^{16} + 24 \cdot 37^{17} + 31 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 2, 1, 1, 1) = 6 \cdot 37^{11} + 30 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 16 \cdot 37^{15} + 33 \cdot 37^{16} + 33 \cdot 37^{17} + 22 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 4) = 17 \cdot 37^{11} + 7 \cdot 37^{12} + 6 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 17 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 3, 1) = 19 \cdot 37^{11} + 35 \cdot 37^{12} + 24 \cdot 37^{13} + 20 \cdot 37^{14} + 27 \cdot 37^{15} + 13 \cdot 37^{16} + 28 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 2, 2) = 24 \cdot 37^{11} + 14 \cdot 37^{12} + 11 \cdot 37^{13} + 36 \cdot 37^{14} + 19 \cdot 37^{15} + 25 \cdot 37^{16} + 26 \cdot 37^{17} + 18 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 2, 1, 1) = 9 \cdot 37^{11} + 32 \cdot 37^{12} + 28 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 12 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 3) = 15 \cdot 37^{11} + 2 \cdot 37^{12} + 30 \cdot 37^{13} + 2 \cdot 37^{14} + 28 \cdot 37^{15} + 7 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 2, 1) = 17 \cdot 37^{11} + 26 \cdot 37^{12} + 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 31 \cdot 37^{17} + 9 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 2) = 6 \cdot 37^{11} + 18 \cdot 37^{13} + 4 \cdot 37^{14} + 15 \cdot 37^{15} + 8 \cdot 37^{16} + 28 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 1, 1) = 2 \cdot 37^{11} + 32 \cdot 37^{12} + 34 \cdot 37^{13} + 34 \cdot 37^{14} + 28 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 7) = 5 \cdot 37^{11} + 35 \cdot 37^{12} + 7 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 37^{16} + 4 \cdot 37^{17} + 28 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 6, 1) = 13 \cdot 37^{11} + 25 \cdot 37^{12} + 21 \cdot 37^{13} + 24 \cdot 37^{14} + 31 \cdot 37^{15} + 11 \cdot 37^{16} + 9 \cdot 37^{17} + 23 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 5, 2) = 31 \cdot 37^{11} + 17 \cdot 37^{12} + 21 \cdot 37^{13} + 33 \cdot 37^{14} + 36 \cdot 37^{15} + 29 \cdot 37^{16} + 22 \cdot 37^{17} + 4 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 5, 1, 1) = 23 \cdot 37^{11} + 29 \cdot 37^{12} + 17 \cdot 37^{13} + 25 \cdot 37^{14} + 17 \cdot 37^{15} + 25 \cdot 37^{16} + 19 \cdot 37^{17} + 29 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 4, 3) = 9 \cdot 37^{11} + 28 \cdot 37^{12} + 2 \cdot 37^{13} + 35 \cdot 37^{14} + 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 15 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 4, 2, 1) = 32 \cdot 37^{11} + 30 \cdot 37^{12} + 35 \cdot 37^{14} + 2 \cdot 37^{15} + 35 \cdot 37^{16} + 28 \cdot 37^{17} + 27 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 4, 1, 2) = 18 \cdot 37^{11} + 2 \cdot 37^{12} + 9 \cdot 37^{13} + 10 \cdot 37^{14} + 16 \cdot 37^{15} + 17 \cdot 37^{16} + 26 \cdot 37^{17} + 24 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 4, 1, 1, 1) = 28 \cdot 37^{12} + 31 \cdot 37^{13} + 21 \cdot 37^{14} + 22 \cdot 37^{15} + 31 \cdot 37^{16} + 14 \cdot 37^{17} + 17 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 3, 4) = 18 \cdot 37^{11} + 10 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 19 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 3, 3, 1) = 33 \cdot 37^{11} + 28 \cdot 37^{12} + 15 \cdot 37^{13} + 12 \cdot 37^{14} + 25 \cdot 37^{16} + 3 \cdot 37^{17} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 3, 2, 2) = 5 \cdot 37^{11} + 21 \cdot 37^{12} + 18 \cdot 37^{13} + 13 \cdot 37^{14} + 29 \cdot 37^{15} + 16 \cdot 37^{16} + 22 \cdot 37^{17} + 18 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 3, 2, 1, 1) = 14 \cdot 37^{11} + 24 \cdot 37^{12} + 32 \cdot 37^{13} + 11 \cdot 37^{14} + 25 \cdot 37^{15} + 14 \cdot 37^{16} + 25 \cdot 37^{17} + 33 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 3, 1, 3) = 26 \cdot 37^{11} + 32 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 29 \cdot 37^{16} + 20 \cdot 37^{17} + 16 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 3, 1, 2, 1) = 11 \cdot 37^{11} + 3 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{14} + 15 \cdot 37^{15} + 9 \cdot 37^{16} + 5 \cdot 37^{17} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 3, 1, 1, 2) = 7 \cdot 37^{11} + 27 \cdot 37^{12} + 17 \cdot 37^{13} + 3 \cdot 37^{15} + 7 \cdot 37^{16} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 3, 1, 1, 1, 1) = 3 \cdot 37^{11} + 9 \cdot 37^{12} + 2 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 23 \cdot 37^{16} + 33 \cdot 37^{17} + 25 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 5) = 7 \cdot 37^{11} + 8 \cdot 37^{12} + 33 \cdot 37^{13} + 30 \cdot 37^{14} + 27 \cdot 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 29 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 4, 1) = 10 \cdot 37^{11} + 12 \cdot 37^{12} + 17 \cdot 37^{13} + 11 \cdot 37^{14} + 21 \cdot 37^{15} + 8 \cdot 37^{16} + 26 \cdot 37^{17} + 11 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 3, 2) = 31 \cdot 37^{11} + 17 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 3, 1, 1) = 13 \cdot 37^{11} + 21 \cdot 37^{12} + 6 \cdot 37^{13} + 4 \cdot 37^{14} + 32 \cdot 37^{15} + 26 \cdot 37^{17} + 5 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 2, 3) = 30 \cdot 37^{11} + 33 \cdot 37^{12} + 23 \cdot 37^{13} + 5 \cdot 37^{14} + 12 \cdot 37^{15} + 12 \cdot 37^{16} + 6 \cdot 37^{17} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 2, 2, 1) = 35 \cdot 37^{11} + 15 \cdot 37^{12} + 35 \cdot 37^{13} + 13 \cdot 37^{14} + 37^{15} + 13 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 2, 1, 2) = 5 \cdot 37^{11} + 6 \cdot 37^{12} + 28 \cdot 37^{13} + 16 \cdot 37^{14} + 17 \cdot 37^{15} + 25 \cdot 37^{16} + 17 \cdot 37^{17} + 23 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 2, 1, 1, 1) = 13 \cdot 37^{11} + 12 \cdot 37^{13} + 14 \cdot 37^{14} + 19 \cdot 37^{15} + 6 \cdot 37^{16} + 28 \cdot 37^{17} + 12 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 4) = 17 \cdot 37^{11} + 8 \cdot 37^{12} + 5 \cdot 37^{13} + 6 \cdot 37^{14} + 15 \cdot 37^{16} + 6 \cdot 37^{17} + 13 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 3, 1) = 34 \cdot 37^{12} + 10 \cdot 37^{13} + 13 \cdot 37^{14} + 9 \cdot 37^{15} + 18 \cdot 37^{16} + 16 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 2, 2) = 19 \cdot 37^{11} + 16 \cdot 37^{12} + 34 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 33 \cdot 37^{17} + 2 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 2, 1, 1) = 18 \cdot 37^{11} + 20 \cdot 37^{12} + 23 \cdot 37^{13} + 17 \cdot 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 14 \cdot 37^{17} + 28 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 3) = 13 \cdot 37^{11} + 9 \cdot 37^{12} + 24 \cdot 37^{13} + 5 \cdot 37^{14} + 19 \cdot 37^{15} + 8 \cdot 37^{16} + 19 \cdot 37^{17} + 7 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 2, 1) = 32 \cdot 37^{11} + 6 \cdot 37^{12} + 2 \cdot 37^{13} + 36 \cdot 37^{14} + 2 \cdot 37^{15} + 27 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 2) = 11 \cdot 37^{11} + 10 \cdot 37^{12} + 32 \cdot 37^{13} + 26 \cdot 37^{14} + 37^{15} + 4 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 1, 1) = 11 \cdot 37^{11} + 37^{12} + 15 \cdot 37^{13} + 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 6) = 22 \cdot 37^{11} + 8 \cdot 37^{12} + 23 \cdot 37^{13} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 27 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 5, 1) = 24 \cdot 37^{11} + 35 \cdot 37^{12} + 12 \cdot 37^{13} + 30 \cdot 37^{14} + 34 \cdot 37^{15} + 22 \cdot 37^{16} + 8 \cdot 37^{17} + 15 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 4, 2) = 34 \cdot 37^{11} + 21 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 34 \cdot 37^{17} + 36 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 4, 1, 1) = 33 \cdot 37^{11} + 34 \cdot 37^{12} + 14 \cdot 37^{13} + 19 \cdot 37^{14} + 2 \cdot 37^{15} + 17 \cdot 37^{16} + 14 \cdot 37^{17} + 34 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 3, 3) = 20 \cdot 37^{11} + 3 \cdot 37^{12} + 10 \cdot 37^{13} + 10 \cdot 37^{14} + 23 \cdot 37^{15} + 21 \cdot 37^{16} + 29 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 3, 2, 1) = 11 \cdot 37^{11} + 2 \cdot 37^{12} + 13 \cdot 37^{13} + 3 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{16} + 31 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 3, 1, 2) = 18 \cdot 37^{11} + 2 \cdot 37^{12} + 9 \cdot 37^{13} + 10 \cdot 37^{14} + 16 \cdot 37^{15} + 17 \cdot 37^{16} + 26 \cdot 37^{17} + 24 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 3, 1, 1, 1) = 8 \cdot 37^{11} + 11 \cdot 37^{12} + 3 \cdot 37^{13} + 17 \cdot 37^{14} + 10 \cdot 37^{15} + 25 \cdot 37^{16} + 11 \cdot 37^{17} + 18 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 4) = 7 \cdot 37^{11} + 32 \cdot 37^{12} + 5 \cdot 37^{13} + 25 \cdot 37^{14} + 15 \cdot 37^{15} + 27 \cdot 37^{16} + 5 \cdot 37^{17} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 3, 1) = 20 \cdot 37^{11} + 3 \cdot 37^{12} + 25 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 16 \cdot 37^{16} + 33 \cdot 37^{17} + 32 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 2, 2) = 37^{11} + 29 \cdot 37^{12} + 4 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 18 \cdot 37^{16} + 19 \cdot 37^{17} + 32 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 2, 1, 1) = 32 \cdot 37^{11} + 9 \cdot 37^{12} + 10 \cdot 37^{13} + 14 \cdot 37^{14} + 26 \cdot 37^{15} + 19 \cdot 37^{16} + 16 \cdot 37^{17} + 30 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 3) = 16 \cdot 37^{11} + 37^{12} + 26 \cdot 37^{13} + 11 \cdot 37^{14} + 11 \cdot 37^{15} + 33 \cdot 37^{16} + 32 \cdot 37^{17} + 17 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 2, 1) = 9 \cdot 37^{11} + 32 \cdot 37^{12} + 10 \cdot 37^{13} + 9 \cdot 37^{14} + 26 \cdot 37^{15} + 24 \cdot 37^{16} + 24 \cdot 37^{17} + 24 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 2) = 4 \cdot 37^{11} + 32 \cdot 37^{12} + 7 \cdot 37^{13} + 27 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 29 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 1, 1) = 35 \cdot 37^{11} + 21 \cdot 37^{12} + 7 \cdot 37^{13} + 25 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 5) = 24 \cdot 37^{11} + 7 \cdot 37^{12} + 20 \cdot 37^{13} + 5 \cdot 37^{14} + 3 \cdot 37^{15} + 14 \cdot 37^{16} + 22 \cdot 37^{17} + 21 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 4, 1) = 16 \cdot 37^{11} + 20 \cdot 37^{12} + 37^{13} + 14 \cdot 37^{14} + 15 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + 11 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 3, 2) = 27 \cdot 37^{11} + 37^{12} + 10 \cdot 37^{13} + 11 \cdot 37^{14} + 4 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 3, 1, 1) = 30 \cdot 37^{11} + 9 \cdot 37^{12} + 28 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 7 \cdot 37^{17} + 20 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 3) = 28 \cdot 37^{11} + 35 \cdot 37^{12} + 12 \cdot 37^{13} + 34 \cdot 37^{14} + 33 \cdot 37^{15} + 20 \cdot 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 2, 1) = 27 \cdot 37^{11} + 19 \cdot 37^{12} + 8 \cdot 37^{13} + 17 \cdot 37^{14} + 30 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 12 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 2) = 3 \cdot 37^{11} + 37^{12} + 25 \cdot 37^{13} + 17 \cdot 37^{14} + 35 \cdot 37^{15} + 27 \cdot 37^{16} + 15 \cdot 37^{17} + 18 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 1, 1) = 35 \cdot 37^{11} + 33 \cdot 37^{12} + 18 \cdot 37^{13} + 12 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 35 \cdot 37^{17} + 36 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 4) = 4 \cdot 37^{11} + 11 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 5 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 3, 1) = 34 \cdot 37^{11} + 18 \cdot 37^{12} + 2 \cdot 37^{13} + 37^{14} + 18 \cdot 37^{15} + 22 \cdot 37^{16} + 10 \cdot 37^{17} + 23 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 2) = 5 \cdot 37^{11} + 35 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 32 \cdot 37^{17} + 28 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 37^{11} + 8 \cdot 37^{12} + 33 \cdot 37^{13} + 13 \cdot 37^{14} + 2 \cdot 37^{15} + 17 \cdot 37^{16} + 25 \cdot 37^{17} + 24 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 3) = 23 \cdot 37^{11} + 30 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 8 \cdot 37^{15} + 32 \cdot 37^{16} + 28 \cdot 37^{17} + 24 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 2, 1) = 6 \cdot 37^{11} + 5 \cdot 37^{12} + 28 \cdot 37^{13} + 25 \cdot 37^{14} + 13 \cdot 37^{15} + 32 \cdot 37^{16} + 23 \cdot 37^{17} + 22 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 2) = 23 \cdot 37^{11} + 31 \cdot 37^{12} + 5 \cdot 37^{13} + 28 \cdot 37^{14} + 15 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 34 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 1, 1) = 32 \cdot 37^{11} + 21 \cdot 37^{12} + 13 \cdot 37^{13} + 25 \cdot 37^{14} + 8 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 9) = 7 \cdot 37^{11} + 37^{12} + 18 \cdot 37^{13} + 13 \cdot 37^{14} + 27 \cdot 37^{15} + 8 \cdot 37^{16} + 2 \cdot 37^{17} + 17 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 8, 1) = 9 \cdot 37^{11} + 14 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 21 \cdot 37^{15} + 27 \cdot 37^{16} + 3 \cdot 37^{17} + 23 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 7, 2) = 8 \cdot 37^{11} + 27 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{16} + 30 \cdot 37^{17} + 31 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 7, 1, 1) = 22 \cdot 37^{11} + 14 \cdot 37^{12} + 31 \cdot 37^{13} + 35 \cdot 37^{14} + 24 \cdot 37^{15} + 23 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 6, 3) = 2 \cdot 37^{11} + 29 \cdot 37^{12} + 9 \cdot 37^{13} + 17 \cdot 37^{14} + 16 \cdot 37^{15} + 22 \cdot 37^{16} + 37^{17} + 11 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 6, 2, 1) = 27 \cdot 37^{11} + 5 \cdot 37^{12} + 35 \cdot 37^{13} + 22 \cdot 37^{14} + 28 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 26 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 6, 1, 2) = 5 \cdot 37^{11} + 35 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 32 \cdot 37^{17} + 28 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 6, 1, 1, 1) = 18 \cdot 37^{11} + 23 \cdot 37^{12} + 25 \cdot 37^{13} + 19 \cdot 37^{14} + 17 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 28 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 5, 4) = 24 \cdot 37^{11} + 14 \cdot 37^{12} + 24 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 5, 3, 1) = 6 \cdot 37^{11} + 27 \cdot 37^{12} + 6 \cdot 37^{13} + 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 21 \cdot 37^{17} + 10 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 5, 2, 2) = 2 \cdot 37^{11} + 20 \cdot 37^{12} + 3 \cdot 37^{13} + 30 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 26 \cdot 37^{17} + 3 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 5, 2, 1, 1) = 10 \cdot 37^{11} + 34 \cdot 37^{12} + 3 \cdot 37^{13} + 20 \cdot 37^{14} + 15 \cdot 37^{15} + 10 \cdot 37^{16} + 31 \cdot 37^{17} + 25 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 5, 1, 3) = 7 \cdot 37^{11} + 2 \cdot 37^{12} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 5, 1, 2, 1) = 18 \cdot 37^{11} + 19 \cdot 37^{12} + 16 \cdot 37^{13} + 21 \cdot 37^{14} + 24 \cdot 37^{15} + 7 \cdot 37^{16} + 28 \cdot 37^{17} + 28 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 5, 1, 1, 2) = 29 \cdot 37^{11} + 34 \cdot 37^{12} + 23 \cdot 37^{13} + 19 \cdot 37^{14} + 27 \cdot 37^{15} + 20 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 5, 1, 1, 1, 1) = 31 \cdot 37^{11} + 9 \cdot 37^{12} + 26 \cdot 37^{13} + 15 \cdot 37^{14} + 33 \cdot 37^{15} + 19 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 4, 5) = 8 \cdot 37^{11} + 30 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 7 \cdot 37^{15} + 16 \cdot 37^{16} + 5 \cdot 37^{17} + 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 4, 4, 1) = 31 \cdot 37^{11} + 10 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 7 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 6 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 4, 3, 2) = 2 \cdot 37^{11} + 23 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 13 \cdot 37^{15} + 28 \cdot 37^{16} + 16 \cdot 37^{17} + 27 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 4, 3, 1, 1) = 7 \cdot 37^{11} + 8 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{15} + 2 \cdot 37^{16} + 11 \cdot 37^{17} + 20 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 4, 2, 3) = 34 \cdot 37^{11} + 34 \cdot 37^{12} + 7 \cdot 37^{13} + 30 \cdot 37^{14} + 6 \cdot 37^{15} + 8 \cdot 37^{16} + 35 \cdot 37^{17} + 13 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 4, 2, 2, 1) = 10 \cdot 37^{11} + 25 \cdot 37^{12} + 30 \cdot 37^{13} + 3 \cdot 37^{14} + 32 \cdot 37^{15} + 15 \cdot 37^{16} + 9 \cdot 37^{17} + 11 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 4, 2, 1, 2) = 24 \cdot 37^{11} + 14 \cdot 37^{12} + 11 \cdot 37^{13} + 36 \cdot 37^{14} + 19 \cdot 37^{15} + 25 \cdot 37^{16} + 26 \cdot 37^{17} + 18 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 4, 2, 1, 1, 1) = 24 \cdot 37^{11} + 5 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 24 \cdot 37^{15} + 11 \cdot 37^{16} + 34 \cdot 37^{17} + 33 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 4, 1, 4) = 21 \cdot 37^{11} + 36 \cdot 37^{12} + 9 \cdot 37^{13} + 37^{14} + 22 \cdot 37^{15} + 31 \cdot 37^{16} + 31 \cdot 37^{17} + 26 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 4, 1, 3, 1) = 12 \cdot 37^{11} + 31 \cdot 37^{12} + 22 \cdot 37^{13} + 4 \cdot 37^{14} + 22 \cdot 37^{15} + 11 \cdot 37^{16} + 27 \cdot 37^{17} + 31 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 4, 1, 2, 2) = 8 \cdot 37^{11} + 11 \cdot 37^{12} + 34 \cdot 37^{13} + 16 \cdot 37^{14} + 26 \cdot 37^{15} + 11 \cdot 37^{17} + 31 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 4, 1, 2, 1, 1) = 13 \cdot 37^{11} + 22 \cdot 37^{12} + 18 \cdot 37^{13} + 6 \cdot 37^{14} + 34 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 10 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 4, 1, 1, 3) = 13 \cdot 37^{11} + 22 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 32 \cdot 37^{17} + 5 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 4, 1, 1, 2, 1) = 19 \cdot 37^{11} + 13 \cdot 37^{12} + 30 \cdot 37^{13} + 10 \cdot 37^{14} + 19 \cdot 37^{15} + 5 \cdot 37^{16} + 30 \cdot 37^{17} + 8 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 4, 1, 1, 1, 2) = 12 \cdot 37^{11} + 22 \cdot 37^{12} + 3 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 25 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 4, 1, 1, 1, 1, 1) = 33 \cdot 37^{11} + 14 \cdot 37^{12} + 36 \cdot 37^{13} + 18 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 12 \cdot 37^{17} + 2 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 6) = 26 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 30 \cdot 37^{14} + 34 \cdot 37^{15} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 26 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 5, 1) = 23 \cdot 37^{11} + 37^{12} + 33 \cdot 37^{13} + 19 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 4, 2) = 23 \cdot 37^{11} + 27 \cdot 37^{12} + 11 \cdot 37^{14} + 29 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 4, 1, 1) = 3 \cdot 37^{11} + 30 \cdot 37^{12} + 12 \cdot 37^{13} + 7 \cdot 37^{14} + 32 \cdot 37^{15} + 31 \cdot 37^{16} + 6 \cdot 37^{17} + 11 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 3, 3) = 23 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 15 \cdot 37^{14} + 7 \cdot 37^{15} + 37^{16} + 25 \cdot 37^{17} + 18 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 3, 2, 1) = 35 \cdot 37^{11} + 14 \cdot 37^{12} + 21 \cdot 37^{13} + 37^{14} + 29 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 3, 1, 2) = 19 \cdot 37^{11} + 16 \cdot 37^{12} + 34 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 33 \cdot 37^{17} + 2 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 3, 1, 1, 1) = 16 \cdot 37^{11} + 20 \cdot 37^{12} + 24 \cdot 37^{13} + 34 \cdot 37^{14} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 32 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 2, 4) = 8 \cdot 37^{11} + 5 \cdot 37^{12} + 32 \cdot 37^{13} + 24 \cdot 37^{14} + 10 \cdot 37^{15} + 26 \cdot 37^{17} + 21 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 2, 3, 1) = 29 \cdot 37^{11} + 7 \cdot 37^{12} + 3 \cdot 37^{13} + 25 \cdot 37^{14} + 8 \cdot 37^{15} + 23 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 2, 2, 2) = 3 \cdot 37^{11} + 25 \cdot 37^{12} + 25 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 2, 2, 1, 1) = 24 \cdot 37^{11} + 17 \cdot 37^{12} + 11 \cdot 37^{13} + 6 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 2, 1, 3) = 26 \cdot 37^{11} + 5 \cdot 37^{12} + 23 \cdot 37^{13} + 34 \cdot 37^{14} + 5 \cdot 37^{15} + 16 \cdot 37^{16} + 13 \cdot 37^{17} + 28 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 2, 1, 2, 1) = 36 \cdot 37^{11} + 19 \cdot 37^{12} + 5 \cdot 37^{13} + 3 \cdot 37^{14} + 13 \cdot 37^{15} + 11 \cdot 37^{16} + 6 \cdot 37^{17} + 9 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 2, 1, 1, 2) = 14 \cdot 37^{11} + 26 \cdot 37^{12} + 31 \cdot 37^{13} + 10 \cdot 37^{14} + 28 \cdot 37^{15} + 30 \cdot 37^{16} + 12 \cdot 37^{17} + 16 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 2, 1, 1, 1, 1) = 14 \cdot 37^{11} + 17 \cdot 37^{12} + 7 \cdot 37^{13} + 23 \cdot 37^{14} + 2 \cdot 37^{15} + 19 \cdot 37^{16} + 9 \cdot 37^{17} + 8 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 5) = 6 \cdot 37^{11} + 28 \cdot 37^{12} + 20 \cdot 37^{13} + 26 \cdot 37^{14} + 9 \cdot 37^{15} + 7 \cdot 37^{16} + 2 \cdot 37^{17} + 12 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 4, 1) = 31 \cdot 37^{11} + 17 \cdot 37^{12} + 12 \cdot 37^{13} + 2 \cdot 37^{14} + 36 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 3, 2) = 35 \cdot 37^{11} + 36 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 32 \cdot 37^{15} + 36 \cdot 37^{16} + 6 \cdot 37^{17} + 29 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 3, 1, 1) = 35 \cdot 37^{11} + 23 \cdot 37^{12} + 21 \cdot 37^{13} + 4 \cdot 37^{14} + 24 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 2, 3) = 12 \cdot 37^{11} + 7 \cdot 37^{12} + 32 \cdot 37^{13} + 30 \cdot 37^{14} + 26 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 9 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 2, 2, 1) = 29 \cdot 37^{11} + 5 \cdot 37^{12} + 11 \cdot 37^{13} + 15 \cdot 37^{14} + 11 \cdot 37^{15} + 20 \cdot 37^{16} + 27 \cdot 37^{17} + 9 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 2, 1, 2) = 36 \cdot 37^{11} + 15 \cdot 37^{12} + 4 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 35 \cdot 37^{17} + 26 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 2, 1, 1, 1) = 11 \cdot 37^{11} + 13 \cdot 37^{12} + 32 \cdot 37^{13} + 23 \cdot 37^{14} + 12 \cdot 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 26 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 4) = 30 \cdot 37^{11} + 27 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 9 \cdot 37^{15} + 35 \cdot 37^{16} + 13 \cdot 37^{17} + 8 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 3, 1) = 10 \cdot 37^{11} + 17 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 10 \cdot 37^{16} + 28 \cdot 37^{17} + 14 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 2, 2) = 8 \cdot 37^{11} + 11 \cdot 37^{12} + 34 \cdot 37^{13} + 16 \cdot 37^{14} + 26 \cdot 37^{15} + 11 \cdot 37^{17} + 31 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 2, 1, 1) = 22 \cdot 37^{11} + 19 \cdot 37^{13} + 7 \cdot 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 8 \cdot 37^{17} + 31 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 3) = 18 \cdot 37^{11} + 36 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 35 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 2, 1) = 6 \cdot 37^{11} + 26 \cdot 37^{12} + 23 \cdot 37^{13} + 28 \cdot 37^{14} + 30 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 2) = 7 \cdot 37^{11} + 8 \cdot 37^{12} + 13 \cdot 37^{13} + 14 \cdot 37^{14} + 15 \cdot 37^{15} + 36 \cdot 37^{16} + 30 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 1, 1) = 13 \cdot 37^{11} + 37^{12} + 17 \cdot 37^{13} + 18 \cdot 37^{14} + 22 \cdot 37^{15} + 6 \cdot 37^{16} + 3 \cdot 37^{17} + 21 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 7) = 25 \cdot 37^{11} + 12 \cdot 37^{12} + 24 \cdot 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 19 \cdot 37^{16} + 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 6, 1) = 18 \cdot 37^{11} + 3 \cdot 37^{12} + 8 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 9 \cdot 37^{16} + 35 \cdot 37^{17} + 34 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 5, 2) = 8 \cdot 37^{11} + 35 \cdot 37^{12} + 32 \cdot 37^{13} + 16 \cdot 37^{14} + 5 \cdot 37^{15} + 3 \cdot 37^{17} + 13 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 5, 1, 1) = 27 \cdot 37^{11} + 3 \cdot 37^{12} + 12 \cdot 37^{13} + 14 \cdot 37^{14} + 9 \cdot 37^{15} + 29 \cdot 37^{16} + 19 \cdot 37^{17} + 12 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 4, 3) = 24 \cdot 37^{11} + 4 \cdot 37^{12} + 33 \cdot 37^{13} + 26 \cdot 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 27 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 4, 2, 1) = 35 \cdot 37^{11} + 24 \cdot 37^{12} + 9 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 33 \cdot 37^{16} + 36 \cdot 37^{17} + 10 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 4, 1, 2) = 37^{11} + 29 \cdot 37^{12} + 4 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 18 \cdot 37^{16} + 19 \cdot 37^{17} + 32 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 4, 1, 1, 1) = 36 \cdot 37^{11} + 7 \cdot 37^{12} + 9 \cdot 37^{13} + 27 \cdot 37^{14} + 32 \cdot 37^{15} + 26 \cdot 37^{16} + 17 \cdot 37^{17} + 5 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 3, 4) = 33 \cdot 37^{11} + 27 \cdot 37^{13} + 7 \cdot 37^{14} + 3 \cdot 37^{15} + 22 \cdot 37^{16} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 3, 3, 1) = 11 \cdot 37^{11} + 6 \cdot 37^{12} + 24 \cdot 37^{13} + 20 \cdot 37^{14} + 22 \cdot 37^{15} + 35 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 3, 2, 2) = 24 \cdot 37^{11} + 25 \cdot 37^{12} + 11 \cdot 37^{13} + 9 \cdot 37^{15} + 25 \cdot 37^{16} + 23 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 3, 2, 1, 1) = 35 \cdot 37^{11} + 3 \cdot 37^{12} + 7 \cdot 37^{13} + 18 \cdot 37^{14} + 20 \cdot 37^{15} + 25 \cdot 37^{16} + 17 \cdot 37^{17} + 13 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 3, 1, 3) = 19 \cdot 37^{11} + 5 \cdot 37^{12} + 36 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 20 \cdot 37^{16} + 20 \cdot 37^{17} + 22 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 3, 1, 2, 1) = 37^{11} + 4 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 19 \cdot 37^{15} + 18 \cdot 37^{16} + 11 \cdot 37^{17} + 16 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 3, 1, 1, 2) = 25 \cdot 37^{11} + 12 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 6 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 3, 1, 1, 1, 1) = 16 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 2 \cdot 37^{14} + 24 \cdot 37^{15} + 31 \cdot 37^{16} + 27 \cdot 37^{17} + 11 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 5) = 14 \cdot 37^{11} + 16 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 28 \cdot 37^{15} + 22 \cdot 37^{16} + 16 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 4, 1) = 2 \cdot 37^{11} + 20 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 18 \cdot 37^{16} + 37^{17} + 18 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 3, 2) = 13 \cdot 37^{11} + 16 \cdot 37^{12} + 3 \cdot 37^{13} + 29 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 2 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 3, 1, 1) = 27 \cdot 37^{11} + 8 \cdot 37^{12} + 29 \cdot 37^{13} + 5 \cdot 37^{14} + 27 \cdot 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 26 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 2, 3) = 29 \cdot 37^{11} + 14 \cdot 37^{12} + 10 \cdot 37^{13} + 5 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 2, 2, 1) = 19 \cdot 37^{11} + 26 \cdot 37^{12} + 27 \cdot 37^{13} + 24 \cdot 37^{14} + 33 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 2, 1, 2) = 14 \cdot 37^{11} + 34 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 23 \cdot 37^{15} + 35 \cdot 37^{16} + 12 \cdot 37^{17} + 14 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 2, 1, 1, 1) = 11 \cdot 37^{11} + 31 \cdot 37^{12} + 37^{13} + 23 \cdot 37^{15} + 21 \cdot 37^{16} + 35 \cdot 37^{17} + 18 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 4) = 11 \cdot 37^{11} + 2 \cdot 37^{12} + 6 \cdot 37^{13} + 10 \cdot 37^{14} + 19 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 35 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 3, 1) = 9 \cdot 37^{11} + 19 \cdot 37^{12} + 14 \cdot 37^{13} + 37^{14} + 33 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 4 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 2, 2) = 3 \cdot 37^{11} + 25 \cdot 37^{12} + 25 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 2, 1, 1) = 30 \cdot 37^{11} + 7 \cdot 37^{12} + 16 \cdot 37^{13} + 11 \cdot 37^{14} + 14 \cdot 37^{15} + 2 \cdot 37^{16} + 19 \cdot 37^{17} + 25 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 3) = 8 \cdot 37^{11} + 11 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 20 \cdot 37^{15} + 25 \cdot 37^{16} + 33 \cdot 37^{17} + 9 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 2, 1) = 12 \cdot 37^{11} + 27 \cdot 37^{12} + 23 \cdot 37^{13} + 37^{14} + 2 \cdot 37^{15} + 33 \cdot 37^{16} + 23 \cdot 37^{17} + 20 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 2) = 4 \cdot 37^{11} + 34 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 13 \cdot 37^{16} + 7 \cdot 37^{17} + 35 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 1, 1) = 21 \cdot 37^{11} + 33 \cdot 37^{12} + 32 \cdot 37^{13} + 25 \cdot 37^{15} + 27 \cdot 37^{16} + 4 \cdot 37^{17} + 3 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 6) = 9 \cdot 37^{11} + 18 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 25 \cdot 37^{15} + 4 \cdot 37^{16} + 31 \cdot 37^{17} + 16 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 5, 1) = 24 \cdot 37^{12} + 9 \cdot 37^{13} + 31 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 34 \cdot 37^{17} + 26 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 4, 2) = 34 \cdot 37^{11} + 23 \cdot 37^{12} + 31 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 4, 1, 1) = 2 \cdot 37^{11} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 24 \cdot 37^{15} + 8 \cdot 37^{16} + 6 \cdot 37^{17} + 17 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 3, 3) = 2 \cdot 37^{11} + 16 \cdot 37^{12} + 3 \cdot 37^{13} + 11 \cdot 37^{14} + 37^{15} + 22 \cdot 37^{16} + 14 \cdot 37^{17} + 20 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 3, 2, 1) = 8 \cdot 37^{11} + 3 \cdot 37^{12} + 11 \cdot 37^{13} + 15 \cdot 37^{14} + 32 \cdot 37^{15} + 12 \cdot 37^{16} + 34 \cdot 37^{17} + 14 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 3, 1, 2) = 5 \cdot 37^{11} + 21 \cdot 37^{12} + 18 \cdot 37^{13} + 13 \cdot 37^{14} + 29 \cdot 37^{15} + 16 \cdot 37^{16} + 22 \cdot 37^{17} + 18 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 3, 1, 1, 1) = 26 \cdot 37^{11} + 36 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 21 \cdot 37^{15} + 3 \cdot 37^{16} + 23 \cdot 37^{17} + 18 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 4) = 24 \cdot 37^{11} + 19 \cdot 37^{12} + 21 \cdot 37^{14} + 12 \cdot 37^{15} + 16 \cdot 37^{16} + 5 \cdot 37^{17} + 27 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 3, 1) = 8 \cdot 37^{11} + 12 \cdot 37^{12} + 31 \cdot 37^{13} + 36 \cdot 37^{14} + 33 \cdot 37^{15} + 37^{16} + 23 \cdot 37^{17} + 17 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 2, 2) = 24 \cdot 37^{11} + 25 \cdot 37^{12} + 11 \cdot 37^{13} + 9 \cdot 37^{15} + 25 \cdot 37^{16} + 23 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 2, 1, 1) = 11 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 23 \cdot 37^{17} + 12 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 3) = 11 \cdot 37^{11} + 30 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 13 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 2, 1) = 27 \cdot 37^{11} + 14 \cdot 37^{12} + 17 \cdot 37^{13} + 18 \cdot 37^{14} + 32 \cdot 37^{15} + 33 \cdot 37^{16} + 17 \cdot 37^{17} + 12 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 2) = 21 \cdot 37^{11} + 5 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 4 \cdot 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 25 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 1, 1) = 6 \cdot 37^{11} + 17 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 27 \cdot 37^{15} + 2 \cdot 37^{16} + 15 \cdot 37^{17} + 30 \cdot 37^{18} + 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 5) = 12 \cdot 37^{11} + 19 \cdot 37^{12} + 17 \cdot 37^{13} + 6 \cdot 37^{14} + 6 \cdot 37^{15} + 14 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 4, 1) = 20 \cdot 37^{11} + 29 \cdot 37^{12} + 23 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 3 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 3, 2) = 28 \cdot 37^{11} + 21 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 27 \cdot 37^{16} + 27 \cdot 37^{17} + 27 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 3, 1, 1) = 9 \cdot 37^{11} + 10 \cdot 37^{12} + 24 \cdot 37^{13} + 2 \cdot 37^{14} + 5 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 3) = 14 \cdot 37^{11} + 25 \cdot 37^{12} + 11 \cdot 37^{13} + 2 \cdot 37^{14} + 34 \cdot 37^{15} + 2 \cdot 37^{16} + 33 \cdot 37^{17} + 27 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 2, 1) = 16 \cdot 37^{11} + 8 \cdot 37^{12} + 23 \cdot 37^{13} + 11 \cdot 37^{14} + 29 \cdot 37^{15} + 26 \cdot 37^{16} + 15 \cdot 37^{17} + 4 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 2) = 26 \cdot 37^{11} + 8 \cdot 37^{12} + 20 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 22 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 1, 1) = 37^{11} + 35 \cdot 37^{12} + 5 \cdot 37^{13} + 22 \cdot 37^{14} + 20 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 27 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 4) = 28 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 16 \cdot 37^{14} + 18 \cdot 37^{15} + 20 \cdot 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 3, 1) = 16 \cdot 37^{11} + 6 \cdot 37^{12} + 15 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 21 \cdot 37^{16} + 17 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 2) = 2 \cdot 37^{11} + 20 \cdot 37^{12} + 3 \cdot 37^{13} + 30 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 26 \cdot 37^{17} + 3 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 1, 1) = 15 \cdot 37^{11} + 15 \cdot 37^{12} + 27 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 17 \cdot 37^{16} + 33 \cdot 37^{17} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 3) = 19 \cdot 37^{11} + 28 \cdot 37^{12} + 10 \cdot 37^{13} + 35 \cdot 37^{14} + 7 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 14 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 2, 1) = 2 \cdot 37^{12} + 21 \cdot 37^{13} + 20 \cdot 37^{14} + 4 \cdot 37^{15} + 3 \cdot 37^{16} + 32 \cdot 37^{17} + 25 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 2) = 13 \cdot 37^{11} + 2 \cdot 37^{12} + 28 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 14 \cdot 37^{16} + 34 \cdot 37^{17} + 11 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 1, 1) = 22 \cdot 37^{11} + 18 \cdot 37^{12} + 19 \cdot 37^{13} + 34 \cdot 37^{14} + 25 \cdot 37^{15} + 7 \cdot 37^{16} + 32 \cdot 37^{17} + 26 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 8) = 9 \cdot 37^{11} + 2 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 35 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 7, 1) = 4 \cdot 37^{11} + 18 \cdot 37^{12} + 23 \cdot 37^{13} + 2 \cdot 37^{14} + 29 \cdot 37^{15} + 6 \cdot 37^{16} + 17 \cdot 37^{17} + 4 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 6, 2) = 3 \cdot 37^{11} + 6 \cdot 37^{12} + 9 \cdot 37^{14} + 35 \cdot 37^{15} + 24 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 6, 1, 1) = 24 \cdot 37^{11} + 26 \cdot 37^{12} + 27 \cdot 37^{13} + 26 \cdot 37^{14} + 31 \cdot 37^{15} + 21 \cdot 37^{16} + 5 \cdot 37^{17} + 30 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 5, 3) = 11 \cdot 37^{11} + 5 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 31 \cdot 37^{16} + 20 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 5, 2, 1) = 22 \cdot 37^{11} + 19 \cdot 37^{12} + 36 \cdot 37^{13} + 29 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 33 \cdot 37^{17} + 29 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 5, 1, 2) = 27 \cdot 37^{11} + 37^{12} + 10 \cdot 37^{13} + 11 \cdot 37^{14} + 4 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 5, 1, 1, 1) = 24 \cdot 37^{11} + 20 \cdot 37^{12} + 17 \cdot 37^{13} + 10 \cdot 37^{14} + 26 \cdot 37^{15} + 25 \cdot 37^{16} + 3 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 4, 4) = 13 \cdot 37^{11} + 2 \cdot 37^{12} + 26 \cdot 37^{14} + 27 \cdot 37^{15} + 35 \cdot 37^{16} + 14 \cdot 37^{17} + 16 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 4, 3, 1) = 11 \cdot 37^{11} + 6 \cdot 37^{12} + 24 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 2 \cdot 37^{16} + 3 \cdot 37^{17} + 11 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 4, 2, 2) = 28 \cdot 37^{11} + 21 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 27 \cdot 37^{16} + 27 \cdot 37^{17} + 27 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 4, 2, 1, 1) = 8 \cdot 37^{11} + 2 \cdot 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 2 \cdot 37^{15} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 6 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 4, 1, 3) = 19 \cdot 37^{11} + 4 \cdot 37^{12} + 26 \cdot 37^{13} + 8 \cdot 37^{14} + 14 \cdot 37^{15} + 8 \cdot 37^{16} + 19 \cdot 37^{17} + 18 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 4, 1, 2, 1) = 30 \cdot 37^{11} + 7 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{14} + 18 \cdot 37^{15} + 28 \cdot 37^{16} + 17 \cdot 37^{17} + 7 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 4, 1, 1, 2) = 24 \cdot 37^{11} + 11 \cdot 37^{13} + 13 \cdot 37^{14} + 7 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 26 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 4, 1, 1, 1, 1) = 7 \cdot 37^{11} + 31 \cdot 37^{12} + 15 \cdot 37^{13} + 14 \cdot 37^{14} + 25 \cdot 37^{15} + 30 \cdot 37^{16} + 30 \cdot 37^{17} + 3 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 5) = 5 \cdot 37^{11} + 25 \cdot 37^{12} + 3 \cdot 37^{13} + 11 \cdot 37^{14} + 37^{15} + 4 \cdot 37^{16} + 32 \cdot 37^{17} + 25 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 4, 1) = 11 \cdot 37^{11} + 14 \cdot 37^{12} + 34 \cdot 37^{13} + 34 \cdot 37^{14} + 12 \cdot 37^{15} + 6 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 3, 2) = 19 \cdot 37^{11} + 21 \cdot 37^{12} + 2 \cdot 37^{13} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 33 \cdot 37^{16} + 11 \cdot 37^{17} + 16 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 3, 1, 1) = 8 \cdot 37^{11} + 22 \cdot 37^{12} + 2 \cdot 37^{13} + 37^{14} + 24 \cdot 37^{15} + 17 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 2, 3) = 29 \cdot 37^{11} + 2 \cdot 37^{12} + 12 \cdot 37^{13} + 12 \cdot 37^{14} + 34 \cdot 37^{15} + 6 \cdot 37^{17} + 2 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 2, 2, 1) = 28 \cdot 37^{11} + 28 \cdot 37^{12} + 27 \cdot 37^{13} + 13 \cdot 37^{14} + 29 \cdot 37^{15} + 16 \cdot 37^{16} + 29 \cdot 37^{17} + 9 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 2, 1, 2) = 21 \cdot 37^{11} + 36 \cdot 37^{12} + 2 \cdot 37^{13} + 23 \cdot 37^{14} + 13 \cdot 37^{15} + 10 \cdot 37^{16} + 19 \cdot 37^{17} + 34 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 2, 1, 1, 1) = 21 \cdot 37^{11} + 29 \cdot 37^{12} + 32 \cdot 37^{13} + 32 \cdot 37^{14} + 9 \cdot 37^{15} + 22 \cdot 37^{16} + 16 \cdot 37^{17} + 6 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 4) = 18 \cdot 37^{11} + 21 \cdot 37^{12} + 9 \cdot 37^{13} + 23 \cdot 37^{14} + 27 \cdot 37^{15} + 28 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 3, 1) = 24 \cdot 37^{11} + 8 \cdot 37^{12} + 21 \cdot 37^{13} + 31 \cdot 37^{14} + 15 \cdot 37^{15} + 6 \cdot 37^{16} + 34 \cdot 37^{17} + 18 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 2, 2) = 35 \cdot 37^{11} + 36 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 32 \cdot 37^{15} + 36 \cdot 37^{16} + 6 \cdot 37^{17} + 29 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 2, 1, 1) = 8 \cdot 37^{11} + 16 \cdot 37^{12} + 25 \cdot 37^{13} + 24 \cdot 37^{14} + 16 \cdot 37^{15} + 13 \cdot 37^{16} + 12 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 3) = 24 \cdot 37^{11} + 10 \cdot 37^{12} + 30 \cdot 37^{13} + 28 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 30 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 2, 1) = 18 \cdot 37^{11} + 29 \cdot 37^{12} + 19 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 22 \cdot 37^{17} + 31 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 2) = 4 \cdot 37^{11} + 7 \cdot 37^{12} + 31 \cdot 37^{13} + 3 \cdot 37^{14} + 2 \cdot 37^{15} + 33 \cdot 37^{16} + 15 \cdot 37^{17} + 30 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 1, 1) = 18 \cdot 37^{11} + 9 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 31 \cdot 37^{15} + 16 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 6) = 20 \cdot 37^{11} + 8 \cdot 37^{12} + 19 \cdot 37^{13} + 20 \cdot 37^{14} + 28 \cdot 37^{15} + 7 \cdot 37^{16} + 18 \cdot 37^{17} + 8 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 5, 1) = 32 \cdot 37^{11} + 3 \cdot 37^{12} + 36 \cdot 37^{13} + 3 \cdot 37^{14} + 31 \cdot 37^{15} + 28 \cdot 37^{16} + 13 \cdot 37^{17} + 36 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 4, 2) = 6 \cdot 37^{11} + 29 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 31 \cdot 37^{16} + 37^{17} + 16 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 4, 1, 1) = 14 \cdot 37^{11} + 34 \cdot 37^{12} + 11 \cdot 37^{13} + 23 \cdot 37^{14} + 30 \cdot 37^{15} + 13 \cdot 37^{16} + 4 \cdot 37^{17} + 25 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 3, 3) = 33 \cdot 37^{11} + 13 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 2 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 10 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 3, 2, 1) = 25 \cdot 37^{11} + 11 \cdot 37^{12} + 9 \cdot 37^{13} + 4 \cdot 37^{14} + 14 \cdot 37^{15} + 18 \cdot 37^{16} + 37^{17} + 3 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 3, 1, 2) = 31 \cdot 37^{11} + 17 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 3, 1, 1, 1) = 33 \cdot 37^{11} + 16 \cdot 37^{12} + 28 \cdot 37^{13} + 4 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{16} + 21 \cdot 37^{17} + 10 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 4) = 23 \cdot 37^{11} + 16 \cdot 37^{12} + 29 \cdot 37^{13} + 36 \cdot 37^{14} + 23 \cdot 37^{16} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 3, 1) = 24 \cdot 37^{11} + 23 \cdot 37^{12} + 28 \cdot 37^{13} + 16 \cdot 37^{14} + 18 \cdot 37^{15} + 32 \cdot 37^{16} + 14 \cdot 37^{17} + 30 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 2, 2) = 13 \cdot 37^{11} + 16 \cdot 37^{12} + 3 \cdot 37^{13} + 29 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 2 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 2, 1, 1) = 13 \cdot 37^{11} + 13 \cdot 37^{12} + 14 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 3 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 3) = 4 \cdot 37^{11} + 10 \cdot 37^{12} + 5 \cdot 37^{13} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 9 \cdot 37^{17} + 19 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 2, 1) = 8 \cdot 37^{11} + 31 \cdot 37^{12} + 19 \cdot 37^{13} + 30 \cdot 37^{14} + 29 \cdot 37^{15} + 26 \cdot 37^{17} + 30 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 2) = 18 \cdot 37^{11} + 25 \cdot 37^{12} + 8 \cdot 37^{13} + 34 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 18 \cdot 37^{17} + 34 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 1, 1) = 23 \cdot 37^{11} + 11 \cdot 37^{12} + 33 \cdot 37^{13} + 35 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 29 \cdot 37^{17} + 35 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 5) = 26 \cdot 37^{11} + 19 \cdot 37^{12} + 36 \cdot 37^{13} + 2 \cdot 37^{14} + 31 \cdot 37^{15} + 12 \cdot 37^{16} + 11 \cdot 37^{17} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 4, 1) = 30 \cdot 37^{11} + 3 \cdot 37^{12} + 5 \cdot 37^{13} + 30 \cdot 37^{14} + 19 \cdot 37^{15} + 11 \cdot 37^{16} + 20 \cdot 37^{17} + 29 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 3, 2) = 19 \cdot 37^{11} + 21 \cdot 37^{12} + 2 \cdot 37^{13} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 33 \cdot 37^{16} + 11 \cdot 37^{17} + 16 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 3, 1, 1) = 5 \cdot 37^{11} + 22 \cdot 37^{12} + 37^{13} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 2 \cdot 37^{16} + 21 \cdot 37^{17} + 3 \cdot 37^{18} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 3) = 31 \cdot 37^{11} + 7 \cdot 37^{12} + 7 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 9 \cdot 37^{16} + 17 \cdot 37^{17} + 22 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 2, 1) = 31 \cdot 37^{11} + 33 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 32 \cdot 37^{16} + 34 \cdot 37^{17} + 31 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 2) = 35 \cdot 37^{11} + 15 \cdot 37^{12} + 27 \cdot 37^{13} + 25 \cdot 37^{14} + 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 16 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 1, 1) = 3 \cdot 37^{11} + 18 \cdot 37^{12} + 8 \cdot 37^{13} + 15 \cdot 37^{14} + 14 \cdot 37^{15} + 6 \cdot 37^{16} + 16 \cdot 37^{17} + 35 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 4) = 24 \cdot 37^{11} + 15 \cdot 37^{12} + 17 \cdot 37^{13} + 37^{14} + 17 \cdot 37^{15} + 12 \cdot 37^{16} + 21 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 3, 1) = 29 \cdot 37^{11} + 24 \cdot 37^{12} + 6 \cdot 37^{13} + 28 \cdot 37^{14} + 34 \cdot 37^{15} + 25 \cdot 37^{16} + 28 \cdot 37^{17} + 27 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 2) = 2 \cdot 37^{11} + 23 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 13 \cdot 37^{15} + 28 \cdot 37^{16} + 16 \cdot 37^{17} + 27 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 1, 1) = 8 \cdot 37^{11} + 14 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 26 \cdot 37^{16} + 22 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 3) = 28 \cdot 37^{11} + 10 \cdot 37^{12} + 35 \cdot 37^{13} + 7 \cdot 37^{14} + 37^{15} + 18 \cdot 37^{16} + 14 \cdot 37^{17} + 24 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 2, 1) = 20 \cdot 37^{11} + 9 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 7 \cdot 37^{15} + 25 \cdot 37^{16} + 10 \cdot 37^{17} + 27 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 2) = 26 \cdot 37^{11} + 16 \cdot 37^{12} + 22 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 24 \cdot 37^{16} + 21 \cdot 37^{17} + 7 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 1, 1) = 24 \cdot 37^{11} + 37^{13} + 34 \cdot 37^{14} + 18 \cdot 37^{15} + 25 \cdot 37^{16} + 24 \cdot 37^{17} + 34 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 7) = 7 \cdot 37^{11} + 3 \cdot 37^{12} + 8 \cdot 37^{13} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 12 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 6, 1) = 26 \cdot 37^{11} + 32 \cdot 37^{12} + 5 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 2 \cdot 37^{16} + 24 \cdot 37^{17} + 17 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 5, 2) = 36 \cdot 37^{11} + 34 \cdot 37^{12} + 21 \cdot 37^{13} + 18 \cdot 37^{14} + 32 \cdot 37^{15} + 26 \cdot 37^{16} + 2 \cdot 37^{17} + 19 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 5, 1, 1) = 5 \cdot 37^{11} + 15 \cdot 37^{12} + 17 \cdot 37^{13} + 14 \cdot 37^{14} + 27 \cdot 37^{15} + 25 \cdot 37^{16} + 8 \cdot 37^{17} + 30 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 4, 3) = 2 \cdot 37^{11} + 25 \cdot 37^{12} + 18 \cdot 37^{13} + 22 \cdot 37^{14} + 11 \cdot 37^{15} + 5 \cdot 37^{16} + 34 \cdot 37^{17} + 29 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 4, 2, 1) = 3 \cdot 37^{11} + 14 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 19 \cdot 37^{15} + 6 \cdot 37^{16} + 24 \cdot 37^{17} + 7 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 4, 1, 2) = 34 \cdot 37^{11} + 21 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 34 \cdot 37^{17} + 36 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 4, 1, 1, 1) = 7 \cdot 37^{11} + 34 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 15 \cdot 37^{15} + 6 \cdot 37^{16} + 24 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 4) = 33 \cdot 37^{11} + 22 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 20 \cdot 37^{16} + 15 \cdot 37^{17} + 29 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 3, 1) = 14 \cdot 37^{11} + 37^{12} + 34 \cdot 37^{13} + 29 \cdot 37^{14} + 25 \cdot 37^{15} + 29 \cdot 37^{16} + 37^{17} + 5 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 2, 2) = 34 \cdot 37^{11} + 23 \cdot 37^{12} + 31 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 2, 1, 1) = 3 \cdot 37^{11} + 30 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 18 \cdot 37^{15} + 18 \cdot 37^{16} + 27 \cdot 37^{17} + 27 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 3) = 28 \cdot 37^{11} + 4 \cdot 37^{12} + 14 \cdot 37^{13} + 10 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 3 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 2, 1) = 12 \cdot 37^{11} + 12 \cdot 37^{12} + 14 \cdot 37^{13} + 17 \cdot 37^{14} + 36 \cdot 37^{16} + 27 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 2) = 16 \cdot 37^{11} + 28 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 34 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 1, 1) = 12 \cdot 37^{11} + 12 \cdot 37^{12} + 17 \cdot 37^{13} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 16 \cdot 37^{16} + 28 \cdot 37^{17} + 34 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 5) = 12 \cdot 37^{11} + 13 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 17 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 4, 1) = 10 \cdot 37^{11} + 29 \cdot 37^{12} + 5 \cdot 37^{13} + 20 \cdot 37^{14} + 6 \cdot 37^{15} + 21 \cdot 37^{16} + 26 \cdot 37^{17} + 2 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 3, 2) = 6 \cdot 37^{11} + 29 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 31 \cdot 37^{16} + 37^{17} + 16 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 3, 1, 1) = 22 \cdot 37^{12} + 32 \cdot 37^{13} + 20 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 3) = 34 \cdot 37^{11} + 13 \cdot 37^{12} + 28 \cdot 37^{13} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 28 \cdot 37^{17} + 22 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 2, 1) = 19 \cdot 37^{11} + 23 \cdot 37^{12} + 2 \cdot 37^{13} + 26 \cdot 37^{14} + 8 \cdot 37^{15} + 27 \cdot 37^{16} + 4 \cdot 37^{17} + 4 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 2) = 20 \cdot 37^{11} + 33 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 30 \cdot 37^{15} + 7 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 1, 1) = 3 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 28 \cdot 37^{15} + 14 \cdot 37^{16} + 28 \cdot 37^{17} + 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 4) = 28 \cdot 37^{11} + 20 \cdot 37^{12} + 35 \cdot 37^{13} + 20 \cdot 37^{14} + 16 \cdot 37^{15} + 3 \cdot 37^{16} + 22 \cdot 37^{17} + 25 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 3, 1) = 2 \cdot 37^{11} + 2 \cdot 37^{12} + 29 \cdot 37^{13} + 14 \cdot 37^{14} + 6 \cdot 37^{15} + 27 \cdot 37^{16} + 28 \cdot 37^{17} + 31 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 2) = 23 \cdot 37^{11} + 27 \cdot 37^{12} + 11 \cdot 37^{14} + 29 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 1, 1) = 10 \cdot 37^{11} + 15 \cdot 37^{12} + 36 \cdot 37^{13} + 36 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 16 \cdot 37^{17} + 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 3) = 5 \cdot 37^{11} + 32 \cdot 37^{12} + 2 \cdot 37^{13} + 28 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 30 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 2, 1) = 13 \cdot 37^{11} + 6 \cdot 37^{12} + 5 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 7 \cdot 37^{16} + 24 \cdot 37^{17} + 33 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 2) = 31 \cdot 37^{11} + 19 \cdot 37^{12} + 13 \cdot 37^{13} + 32 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 37^{11} + 2 \cdot 37^{12} + 15 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 12 \cdot 37^{16} + 31 \cdot 37^{17} + 18 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 6) = 26 \cdot 37^{11} + 11 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 4 \cdot 37^{17} + 24 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 5, 1) = 20 \cdot 37^{11} + 5 \cdot 37^{12} + 3 \cdot 37^{13} + 24 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 26 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 4, 2) = 36 \cdot 37^{11} + 34 \cdot 37^{12} + 21 \cdot 37^{13} + 18 \cdot 37^{14} + 32 \cdot 37^{15} + 26 \cdot 37^{16} + 2 \cdot 37^{17} + 19 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 4, 1, 1) = 34 \cdot 37^{11} + 13 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 11 \cdot 37^{15} + 2 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 3) = 11 \cdot 37^{11} + 29 \cdot 37^{12} + 21 \cdot 37^{13} + 23 \cdot 37^{14} + 26 \cdot 37^{15} + 8 \cdot 37^{16} + 37^{17} + 20 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 2, 1) = 4 \cdot 37^{11} + 36 \cdot 37^{12} + 34 \cdot 37^{13} + 8 \cdot 37^{14} + 17 \cdot 37^{15} + 11 \cdot 37^{16} + 36 \cdot 37^{17} + 4 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 2) = 31 \cdot 37^{11} + 17 \cdot 37^{12} + 21 \cdot 37^{13} + 33 \cdot 37^{14} + 36 \cdot 37^{15} + 29 \cdot 37^{16} + 22 \cdot 37^{17} + 4 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 1, 1) = 3 \cdot 37^{11} + 27 \cdot 37^{12} + 23 \cdot 37^{13} + 35 \cdot 37^{14} + 24 \cdot 37^{15} + 7 \cdot 37^{16} + 24 \cdot 37^{17} + 25 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 4) = 27 \cdot 37^{11} + 31 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 4 \cdot 37^{17} + 33 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 3, 1) = 20 \cdot 37^{11} + 37^{12} + 32 \cdot 37^{13} + 15 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{16} + 33 \cdot 37^{17} + 22 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 2) = 8 \cdot 37^{11} + 35 \cdot 37^{12} + 32 \cdot 37^{13} + 16 \cdot 37^{14} + 5 \cdot 37^{15} + 3 \cdot 37^{17} + 13 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 1, 1) = 9 \cdot 37^{11} + 7 \cdot 37^{12} + 19 \cdot 37^{13} + 32 \cdot 37^{14} + 34 \cdot 37^{15} + 18 \cdot 37^{16} + 21 \cdot 37^{17} + 2 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 3) = 35 \cdot 37^{11} + 7 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 5 \cdot 37^{17} + 12 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 2, 1) = 13 \cdot 37^{11} + 4 \cdot 37^{12} + 14 \cdot 37^{13} + 13 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 37^{17} + 32 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 2) = 22 \cdot 37^{11} + 32 \cdot 37^{12} + 5 \cdot 37^{13} + 22 \cdot 37^{15} + 24 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 1, 1) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 5) = 13 \cdot 37^{11} + 19 \cdot 37^{12} + 3 \cdot 37^{13} + 22 \cdot 37^{14} + 7 \cdot 37^{15} + 25 \cdot 37^{16} + 6 \cdot 37^{17} + 11 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 4, 1) = 33 \cdot 37^{11} + 31 \cdot 37^{12} + 26 \cdot 37^{13} + 10 \cdot 37^{14} + 29 \cdot 37^{15} + 26 \cdot 37^{16} + 28 \cdot 37^{17} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 2) = 3 \cdot 37^{11} + 6 \cdot 37^{12} + 9 \cdot 37^{14} + 35 \cdot 37^{15} + 24 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 1, 1) = 22 \cdot 37^{11} + 26 \cdot 37^{12} + 36 \cdot 37^{13} + 28 \cdot 37^{14} + 5 \cdot 37^{15} + 27 \cdot 37^{16} + 4 \cdot 37^{17} + 20 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 3) = 35 \cdot 37^{11} + 13 \cdot 37^{12} + 37^{13} + 35 \cdot 37^{14} + 4 \cdot 37^{15} + 21 \cdot 37^{16} + 16 \cdot 37^{17} + 35 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 2, 1) = 34 \cdot 37^{11} + 12 \cdot 37^{12} + 32 \cdot 37^{13} + 5 \cdot 37^{14} + 12 \cdot 37^{15} + 11 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 2) = 31 \cdot 37^{11} + 30 \cdot 37^{12} + 24 \cdot 37^{13} + 20 \cdot 37^{14} + 7 \cdot 37^{15} + 8 \cdot 37^{16} + 35 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 37^{11} + 13 \cdot 37^{12} + 31 \cdot 37^{13} + 14 \cdot 37^{14} + 9 \cdot 37^{15} + 32 \cdot 37^{16} + 4 \cdot 37^{17} + 4 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 4) = 4 \cdot 37^{11} + 13 \cdot 37^{13} + 32 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 3, 1) = 3 \cdot 37^{11} + 18 \cdot 37^{12} + 7 \cdot 37^{13} + 35 \cdot 37^{14} + 31 \cdot 37^{15} + 10 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 2, 2) = 8 \cdot 37^{11} + 27 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{17} + 30 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 29 \cdot 37^{11} + 14 \cdot 37^{12} + 8 \cdot 37^{13} + 27 \cdot 37^{14} + 34 \cdot 37^{15} + 18 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 3) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 37^{13} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 6 \cdot 37^{17} + 10 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 31 \cdot 37^{11} + 33 \cdot 37^{12} + 26 \cdot 37^{13} + 26 \cdot 37^{14} + 27 \cdot 37^{15} + 36 \cdot 37^{16} + 3 \cdot 37^{17} + 33 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 21 \cdot 37^{11} + 30 \cdot 37^{12} + 32 \cdot 37^{13} + 35 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 21 \cdot 37^{11} + 21 \cdot 37^{12} + 27 \cdot 37^{13} + 12 \cdot 37^{14} + 20 \cdot 37^{15} + 29 \cdot 37^{16} + 14 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 10) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 9, 1) = 11 \cdot 37^{11} + 13 \cdot 37^{12} + 20 \cdot 37^{13} + 21 \cdot 37^{14} + 13 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 16 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 8, 2) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 37^{13} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 6 \cdot 37^{17} + 10 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 8, 1, 1) = 29 \cdot 37^{11} + 30 \cdot 37^{12} + 19 \cdot 37^{13} + 23 \cdot 37^{14} + 8 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 5 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 7, 3) = 22 \cdot 37^{11} + 33 \cdot 37^{12} + 4 \cdot 37^{13} + 29 \cdot 37^{14} + 2 \cdot 37^{15} + 19 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 7, 2, 1) = 5 \cdot 37^{11} + 30 \cdot 37^{12} + 27 \cdot 37^{13} + 31 \cdot 37^{14} + 18 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 7, 1, 2) = 23 \cdot 37^{11} + 30 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 8 \cdot 37^{15} + 32 \cdot 37^{16} + 28 \cdot 37^{17} + 24 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 7, 1, 1, 1) = 36 \cdot 37^{11} + 21 \cdot 37^{12} + 2 \cdot 37^{13} + 9 \cdot 37^{14} + 31 \cdot 37^{15} + 7 \cdot 37^{16} + 12 \cdot 37^{17} + 24 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 6, 4) = 33 \cdot 37^{11} + 13 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 20 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 6, 3, 1) = 25 \cdot 37^{11} + 16 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 14 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 24 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 6, 2, 2) = 19 \cdot 37^{11} + 28 \cdot 37^{12} + 10 \cdot 37^{13} + 35 \cdot 37^{14} + 7 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 14 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 6, 2, 1, 1) = 36 \cdot 37^{11} + 16 \cdot 37^{12} + 18 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 5 \cdot 37^{16} + 22 \cdot 37^{17} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 6, 1, 3) = 13 \cdot 37^{11} + 33 \cdot 37^{12} + 33 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 35 \cdot 37^{16} + 16 \cdot 37^{17} + 3 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 6, 1, 2, 1) = 37^{11} + 11 \cdot 37^{12} + 13 \cdot 37^{13} + 31 \cdot 37^{14} + 30 \cdot 37^{15} + 20 \cdot 37^{16} + 21 \cdot 37^{17} + 27 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 6, 1, 1, 2) = 21 \cdot 37^{11} + 30 \cdot 37^{12} + 11 \cdot 37^{13} + 29 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 12 \cdot 37^{17} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 6, 1, 1, 1, 1) = 29 \cdot 37^{11} + 23 \cdot 37^{12} + 31 \cdot 37^{14} + 16 \cdot 37^{15} + 21 \cdot 37^{16} + 30 \cdot 37^{17} + 3 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 5, 5) = 18 \cdot 37^{11} + 31 \cdot 37^{12} + 16 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 13 \cdot 37^{16} + 35 \cdot 37^{17} + 14 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 5, 4, 1) = 4 \cdot 37^{11} + 31 \cdot 37^{12} + 23 \cdot 37^{13} + 7 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 20 \cdot 37^{17} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 5, 3, 2) = 28 \cdot 37^{11} + 10 \cdot 37^{12} + 35 \cdot 37^{13} + 7 \cdot 37^{14} + 37^{15} + 18 \cdot 37^{16} + 14 \cdot 37^{17} + 24 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 5, 3, 1, 1) = 37^{11} + 23 \cdot 37^{12} + 37^{13} + 35 \cdot 37^{14} + 35 \cdot 37^{15} + 28 \cdot 37^{16} + 28 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 5, 2, 3) = 8 \cdot 37^{11} + 34 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 33 \cdot 37^{17} + 29 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 5, 2, 2, 1) = 2 \cdot 37^{11} + 3 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 34 \cdot 37^{17} + 14 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 5, 2, 1, 2) = 15 \cdot 37^{11} + 2 \cdot 37^{12} + 30 \cdot 37^{13} + 2 \cdot 37^{14} + 28 \cdot 37^{15} + 7 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 5, 2, 1, 1, 1) = 15 \cdot 37^{11} + 22 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 24 \cdot 37^{15} + 8 \cdot 37^{16} + 13 \cdot 37^{17} + 35 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 5, 1, 4) = 25 \cdot 37^{11} + 29 \cdot 37^{12} + 19 \cdot 37^{13} + 33 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 4 \cdot 37^{17} + 27 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 5, 1, 3, 1) = 36 \cdot 37^{11} + 33 \cdot 37^{12} + 37^{13} + 12 \cdot 37^{14} + 17 \cdot 37^{15} + 31 \cdot 37^{16} + 25 \cdot 37^{17} + 33 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned} \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 5, 1, 2, 2) = 18 \cdot 37^{11} + 36 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 35 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 5, 1, 2, 1, 1) = 33 \cdot 37^{11} + 32 \cdot 37^{12} + 34 \cdot 37^{13} + 35 \cdot 37^{14} + 31 \cdot 37^{15} + 4 \cdot 37^{16} + 12 \cdot 37^{17} + 4 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 5, 1, 1, 3) = 15 \cdot 37^{11} + 2 \cdot 37^{12} + 6 \cdot 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 5, 1, 1, 2, 1) = 28 \cdot 37^{11} + 5 \cdot 37^{12} + 27 \cdot 37^{13} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 19 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 5, 1, 1, 1, 2) = 20 \cdot 37^{11} + 21 \cdot 37^{12} + 18 \cdot 37^{13} + 28 \cdot 37^{14} + 26 \cdot 37^{15} + 2 \cdot 37^{16} + 14 \cdot 37^{17} + 25 \cdot 37^{18} + 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 5, 1, 1, 1, 1) = 37^{11} + 32 \cdot 37^{12} + 20 \cdot 37^{13} + 12 \cdot 37^{14} + 29 \cdot 37^{15} + 24 \cdot 37^{16} + 26 \cdot 37^{17} + 17 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 6) = 14 \cdot 37^{11} + 11 \cdot 37^{12} + 24 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 35 \cdot 37^{16} + 25 \cdot 37^{17} + 34 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 5, 1) = 19 \cdot 37^{11} + 21 \cdot 37^{12} + 23 \cdot 37^{13} + 24 \cdot 37^{14} + 11 \cdot 37^{15} + 27 \cdot 37^{16} + 10 \cdot 37^{17} + 29 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 4, 2) = 5 \cdot 37^{11} + 32 \cdot 37^{12} + 2 \cdot 37^{13} + 28 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 30 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 4, 1, 1) = 12 \cdot 37^{11} + 5 \cdot 37^{12} + 15 \cdot 37^{13} + 23 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 3, 3) = 32 \cdot 37^{11} + 35 \cdot 37^{12} + 9 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 32 \cdot 37^{17} + 12 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 3, 2, 1) = 33 \cdot 37^{11} + 31 \cdot 37^{12} + 37^{13} + 35 \cdot 37^{14} + 3 \cdot 37^{15} + 2 \cdot 37^{16} + 36 \cdot 37^{17} + 24 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 3, 1, 2) = 13 \cdot 37^{11} + 9 \cdot 37^{12} + 24 \cdot 37^{13} + 5 \cdot 37^{14} + 19 \cdot 37^{15} + 8 \cdot 37^{16} + 19 \cdot 37^{17} + 7 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 3, 1, 1) = 19 \cdot 37^{11} + 20 \cdot 37^{12} + 35 \cdot 37^{13} + 13 \cdot 37^{14} + 21 \cdot 37^{15} + 17 \cdot 37^{16} + 11 \cdot 37^{17} + 6 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 2, 4) = 32 \cdot 37^{11} + 34 \cdot 37^{12} + 17 \cdot 37^{13} + 13 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{17} + 27 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 2, 3, 1) = 17 \cdot 37^{11} + 30 \cdot 37^{12} + 17 \cdot 37^{13} + 10 \cdot 37^{14} + 8 \cdot 37^{15} + 12 \cdot 37^{16} + 29 \cdot 37^{17} + 16 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 2, 2, 2) = 8 \cdot 37^{11} + 11 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 20 \cdot 37^{15} + 25 \cdot 37^{16} + 33 \cdot 37^{17} + 9 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 2, 2, 1, 1) = 36 \cdot 37^{11} + 13 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 19 \cdot 37^{15} + 8 \cdot 37^{16} + 15 \cdot 37^{17} + 29 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 2, 1, 3) = 24 \cdot 37^{11} + 10 \cdot 37^{12} + 22 \cdot 37^{13} + 2 \cdot 37^{14} + 20 \cdot 37^{15} + 17 \cdot 37^{16} + 7 \cdot 37^{17} + 33 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 2, 1, 2, 1) = 2 \cdot 37^{11} + 31 \cdot 37^{12} + 8 \cdot 37^{13} + 15 \cdot 37^{14} + 13 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 23 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 2, 1, 1, 2) = 25 \cdot 37^{11} + 10 \cdot 37^{12} + 23 \cdot 37^{13} + 35 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 14 \cdot 37^{17} + 36 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 2, 1, 1, 1) = 13 \cdot 37^{11} + 26 \cdot 37^{12} + 34 \cdot 37^{13} + 28 \cdot 37^{14} + 24 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 5 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 5) = 6 \cdot 37^{11} + 33 \cdot 37^{12} + 26 \cdot 37^{13} + 12 \cdot 37^{14} + 36 \cdot 37^{15} + 28 \cdot 37^{16} + 3 \cdot 37^{17} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 4, 1) = 10 \cdot 37^{11} + 2 \cdot 37^{12} + 37^{13} + 5 \cdot 37^{15} + 8 \cdot 37^{16} + 11 \cdot 37^{17} + 21 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 3, 2) = 24 \cdot 37^{11} + 10 \cdot 37^{12} + 30 \cdot 37^{13} + 28 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 30 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 3, 1, 1) = 9 \cdot 37^{11} + 27 \cdot 37^{13} + 5 \cdot 37^{14} + 8 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 2, 3) = 37^{11} + 26 \cdot 37^{12} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 4 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 2, 2, 1) = 25 \cdot 37^{11} + 30 \cdot 37^{12} + 22 \cdot 37^{13} + 10 \cdot 37^{14} + 27 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 30 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 2, 1, 2) = 15 \cdot 37^{11} + 32 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 35 \cdot 37^{17} + 36 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 2, 1, 1) = 19 \cdot 37^{11} + 27 \cdot 37^{12} + 10 \cdot 37^{13} + 31 \cdot 37^{14} + 2 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 4) = 5 \cdot 37^{11} + 25 \cdot 37^{12} + 33 \cdot 37^{13} + 2 \cdot 37^{14} + 17 \cdot 37^{15} + 28 \cdot 37^{16} + 7 \cdot 37^{17} + 17 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 3, 1) = 35 \cdot 37^{11} + 3 \cdot 37^{12} + 32 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{16} + 21 \cdot 37^{17} + 3 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 2, 2) = 13 \cdot 37^{11} + 22 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 32 \cdot 37^{17} + 5 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 2, 1, 1) = 33 \cdot 37^{11} + 10 \cdot 37^{12} + 2 \cdot 37^{13} + 7 \cdot 37^{14} + 18 \cdot 37^{15} + 26 \cdot 37^{16} + 37^{17} + 8 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 3) = 15 \cdot 37^{11} + 2 \cdot 37^{12} + 6 \cdot 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 2, 1) = 30 \cdot 37^{11} + 29 \cdot 37^{12} + 35 \cdot 37^{13} + 15 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 14 \cdot 37^{17} + 33 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 2) = 31 \cdot 37^{11} + 14 \cdot 37^{12} + 24 \cdot 37^{13} + 17 \cdot 37^{14} + 33 \cdot 37^{15} + 13 \cdot 37^{16} + 25 \cdot 37^{17} + 26 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 1, 1) = 5 \cdot 37^{11} + 19 \cdot 37^{12} + 32 \cdot 37^{13} + 9 \cdot 37^{14} + 21 \cdot 37^{15} + 37^{16} + 7 \cdot 37^{17} + 17 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 7) = 30 \cdot 37^{11} + 8 \cdot 37^{12} + 17 \cdot 37^{13} + 10 \cdot 37^{14} + 33 \cdot 37^{15} + 22 \cdot 37^{16} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 6, 1) = 4 \cdot 37^{11} + 32 \cdot 37^{12} + 10 \cdot 37^{13} + 21 \cdot 37^{14} + 34 \cdot 37^{15} + 32 \cdot 37^{16} + 17 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 5, 2) = 35 \cdot 37^{11} + 7 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 5 \cdot 37^{17} + 12 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 5, 1, 1) = 13 \cdot 37^{11} + 7 \cdot 37^{12} + 21 \cdot 37^{13} + 17 \cdot 37^{14} + 19 \cdot 37^{15} + 7 \cdot 37^{16} + 3 \cdot 37^{17} + 23 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 4, 3) = 21 \cdot 37^{11} + 13 \cdot 37^{12} + 16 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 25 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 4, 2, 1) = 37^{11} + 19 \cdot 37^{12} + 34 \cdot 37^{13} + 20 \cdot 37^{14} + 9 \cdot 37^{15} + 28 \cdot 37^{16} + 10 \cdot 37^{17} + 9 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 4, 1, 2) = 16 \cdot 37^{11} + 37^{12} + 26 \cdot 37^{13} + 11 \cdot 37^{14} + 11 \cdot 37^{15} + 33 \cdot 37^{16} + 32 \cdot 37^{17} + 17 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 4, 1, 1, 1) = 13 \cdot 37^{11} + 24 \cdot 37^{12} + 31 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 25 \cdot 37^{16} + 10 \cdot 37^{17} + 31 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 3, 4) = 11 \cdot 37^{11} + 13 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 29 \cdot 37^{15} + 24 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 3, 3, 1) = 21 \cdot 37^{11} + 18 \cdot 37^{12} + 32 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 24 \cdot 37^{16} + 13 \cdot 37^{17} + 16 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 3, 2, 2) = 11 \cdot 37^{11} + 30 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 13 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 3, 2, 1, 1) = 26 \cdot 37^{11} + 19 \cdot 37^{12} + 11 \cdot 37^{13} + 13 \cdot 37^{14} + 11 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 18 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 3, 1, 3) = 34 \cdot 37^{11} + 35 \cdot 37^{12} + 10 \cdot 37^{13} + 15 \cdot 37^{14} + 32 \cdot 37^{15} + 14 \cdot 37^{16} + 5 \cdot 37^{17} + 31 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 3, 1, 2, 1) = 30 \cdot 37^{11} + 16 \cdot 37^{12} + 33 \cdot 37^{13} + 35 \cdot 37^{14} + 25 \cdot 37^{15} + 28 \cdot 37^{16} + 32 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 3, 1, 1, 2) = 37^{11} + 31 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 21 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{17} + 9 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 3, 1, 1, 1, 1) = 32 \cdot 37^{11} + 12 \cdot 37^{12} + 19 \cdot 37^{13} + 32 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 29 \cdot 37^{17} + 25 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 5) = 17 \cdot 37^{11} + 34 \cdot 37^{12} + 16 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 19 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 4, 1) = 31 \cdot 37^{11} + 20 \cdot 37^{12} + 9 \cdot 37^{13} + 3 \cdot 37^{14} + 24 \cdot 37^{15} + 26 \cdot 37^{16} + 8 \cdot 37^{17} + 4 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 3, 2) = 4 \cdot 37^{11} + 10 \cdot 37^{12} + 5 \cdot 37^{13} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 9 \cdot 37^{17} + 19 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 3, 1, 1) = 30 \cdot 37^{11} + 30 \cdot 37^{12} + 26 \cdot 37^{13} + 35 \cdot 37^{14} + 17 \cdot 37^{15} + 2 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 2, 3) = 4 \cdot 37^{11} + 13 \cdot 37^{12} + 12 \cdot 37^{13} + 30 \cdot 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{17} + 30 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 2, 2, 1) = 32 \cdot 37^{11} + 17 \cdot 37^{12} + 2 \cdot 37^{13} + 17 \cdot 37^{14} + 6 \cdot 37^{15} + 22 \cdot 37^{16} + 10 \cdot 37^{17} + 16 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 2, 1, 2) = 19 \cdot 37^{11} + 24 \cdot 37^{12} + 17 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 2, 1, 1, 1) = 14 \cdot 37^{11} + 37^{12} + 29 \cdot 37^{13} + 6 \cdot 37^{14} + 26 \cdot 37^{15} + 17 \cdot 37^{16} + 3 \cdot 37^{17} + 15 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 4) = 10 \cdot 37^{11} + 2 \cdot 37^{12} + 25 \cdot 37^{13} + 10 \cdot 37^{14} + 22 \cdot 37^{15} + 7 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 3, 1) = 22 \cdot 37^{11} + 18 \cdot 37^{12} + 22 \cdot 37^{13} + 12 \cdot 37^{14} + 27 \cdot 37^{15} + 9 \cdot 37^{16} + 11 \cdot 37^{17} + 17 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 2, 2) = 26 \cdot 37^{11} + 5 \cdot 37^{12} + 23 \cdot 37^{13} + 34 \cdot 37^{14} + 5 \cdot 37^{15} + 16 \cdot 37^{16} + 13 \cdot 37^{17} + 28 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 2, 1, 1) = 30 \cdot 37^{12} + 27 \cdot 37^{13} + 7 \cdot 37^{14} + 19 \cdot 37^{15} + 25 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 3) = 24 \cdot 37^{11} + 10 \cdot 37^{12} + 22 \cdot 37^{13} + 2 \cdot 37^{14} + 20 \cdot 37^{15} + 17 \cdot 37^{16} + 7 \cdot 37^{17} + 33 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 2, 1) = 30 \cdot 37^{11} + 23 \cdot 37^{12} + 29 \cdot 37^{13} + 21 \cdot 37^{14} + 15 \cdot 37^{15} + 32 \cdot 37^{16} + 6 \cdot 37^{17} + 14 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 2) = 19 \cdot 37^{11} + 14 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 1) = 28 \cdot 37^{11} + 33 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 5 \cdot 37^{16} + 23 \cdot 37^{17} + 22 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 6) = 16 \cdot 37^{11} + 25 \cdot 37^{12} + 18 \cdot 37^{13} + 19 \cdot 37^{14} + 35 \cdot 37^{15} + 10 \cdot 37^{16} + 13 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 5, 1) = 33 \cdot 37^{11} + 16 \cdot 37^{12} + 33 \cdot 37^{13} + 31 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 31 \cdot 37^{17} + 6 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 4, 2) = 28 \cdot 37^{11} + 4 \cdot 37^{12} + 14 \cdot 37^{13} + 10 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 3 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 4, 1, 1) = 10 \cdot 37^{11} + 12 \cdot 37^{12} + 27 \cdot 37^{13} + 4 \cdot 37^{14} + 32 \cdot 37^{15} + 25 \cdot 37^{16} + 19 \cdot 37^{17} + 23 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 3, 3) = 20 \cdot 37^{11} + 4 \cdot 37^{12} + 37^{13} + 37^{14} + 22 \cdot 37^{15} + 10 \cdot 37^{16} + 22 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 3, 2, 1) = 11 \cdot 37^{11} + 33 \cdot 37^{12} + 12 \cdot 37^{13} + 29 \cdot 37^{14} + 24 \cdot 37^{15} + 29 \cdot 37^{16} + 16 \cdot 37^{17} + 16 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 3, 1, 2) = 26 \cdot 37^{11} + 32 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 29 \cdot 37^{16} + 20 \cdot 37^{17} + 16 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 3, 1, 1, 1) = 18 \cdot 37^{11} + 20 \cdot 37^{12} + 27 \cdot 37^{13} + 17 \cdot 37^{14} + 12 \cdot 37^{15} + 3 \cdot 37^{16} + 19 \cdot 37^{17} + 34 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 4) = 36 \cdot 37^{11} + 30 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 35 \cdot 37^{16} + 8 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 3, 1) = 28 \cdot 37^{11} + 17 \cdot 37^{12} + 22 \cdot 37^{13} + 12 \cdot 37^{14} + 29 \cdot 37^{15} + 4 \cdot 37^{16} + 8 \cdot 37^{17} + 28 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 2, 2) = 19 \cdot 37^{11} + 5 \cdot 37^{12} + 36 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 20 \cdot 37^{16} + 20 \cdot 37^{17} + 22 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 2, 1, 1) = 7 \cdot 37^{11} + 14 \cdot 37^{12} + 7 \cdot 37^{13} + 25 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{17} + 11 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 3) = 34 \cdot 37^{11} + 35 \cdot 37^{12} + 10 \cdot 37^{13} + 15 \cdot 37^{14} + 32 \cdot 37^{15} + 14 \cdot 37^{16} + 5 \cdot 37^{17} + 31 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 2, 1) = 18 \cdot 37^{11} + 24 \cdot 37^{12} + 3 \cdot 37^{13} + 16 \cdot 37^{14} + 30 \cdot 37^{15} + 5 \cdot 37^{17} + 3 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 2) = 37^{11} + 36 \cdot 37^{12} + 27 \cdot 37^{13} + 21 \cdot 37^{14} + 33 \cdot 37^{15} + 31 \cdot 37^{16} + 23 \cdot 37^{17} + 29 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 1, 1) = 28 \cdot 37^{11} + 10 \cdot 37^{12} + 17 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 20 \cdot 37^{16} + 26 \cdot 37^{17} + 31 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 5) = 33 \cdot 37^{11} + 12 \cdot 37^{12} + 18 \cdot 37^{13} + 34 \cdot 37^{14} + 16 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 20 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 4, 1) = 2 \cdot 37^{11} + 36 \cdot 37^{12} + 24 \cdot 37^{13} + 8 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 6 \cdot 37^{17} + 17 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 3, 2) = 19 \cdot 37^{11} + 4 \cdot 37^{12} + 26 \cdot 37^{13} + 8 \cdot 37^{14} + 14 \cdot 37^{15} + 8 \cdot 37^{16} + 19 \cdot 37^{17} + 18 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 3, 1, 1) = 9 \cdot 37^{12} + 32 \cdot 37^{13} + 20 \cdot 37^{14} + 33 \cdot 37^{15} + 9 \cdot 37^{16} + 30 \cdot 37^{17} + 27 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 3) = 3 \cdot 37^{11} + 9 \cdot 37^{12} + 37^{13} + 30 \cdot 37^{14} + 26 \cdot 37^{15} + 35 \cdot 37^{16} + 25 \cdot 37^{17} + 26 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 2, 1) = 8 \cdot 37^{11} + 25 \cdot 37^{12} + 5 \cdot 37^{13} + 10 \cdot 37^{14} + 37^{15} + 28 \cdot 37^{16} + 30 \cdot 37^{17} + 28 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 2) = 26 \cdot 37^{11} + 21 \cdot 37^{12} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 29 \cdot 37^{15} + 7 \cdot 37^{16} + 6 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 1, 1) = 26 \cdot 37^{11} + 18 \cdot 37^{12} + 36 \cdot 37^{13} + 5 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 28 \cdot 37^{17} + 4 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 4) = 33 \cdot 37^{11} + 4 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 18 \cdot 37^{16} + 22 \cdot 37^{17} + 18 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 3, 1) = 30 \cdot 37^{11} + 3 \cdot 37^{12} + 9 \cdot 37^{13} + 30 \cdot 37^{14} + 10 \cdot 37^{15} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 2) = 7 \cdot 37^{11} + 2 \cdot 37^{12} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 1, 1) = 36 \cdot 37^{11} + 31 \cdot 37^{12} + 22 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 24 \cdot 37^{16} + 32 \cdot 37^{17} + 11 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 3) = 13 \cdot 37^{11} + 33 \cdot 37^{12} + 33 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 35 \cdot 37^{16} + 16 \cdot 37^{17} + 3 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 2, 1) = 13 \cdot 37^{11} + 12 \cdot 37^{12} + 37^{13} + 28 \cdot 37^{14} + 9 \cdot 37^{15} + 32 \cdot 37^{16} + 34 \cdot 37^{17} + 23 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 2) = 21 \cdot 37^{11} + 33 \cdot 37^{12} + 6 \cdot 37^{13} + 31 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 37^{17} + 11 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 37^{11} + 14 \cdot 37^{12} + 28 \cdot 37^{13} + 10 \cdot 37^{14} + 26 \cdot 37^{15} + 35 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 8) = 14 \cdot 37^{11} + 33 \cdot 37^{12} + 28 \cdot 37^{13} + 34 \cdot 37^{14} + 4 \cdot 37^{16} + 26 \cdot 37^{17} + 22 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 7, 1) = 14 \cdot 37^{11} + 35 \cdot 37^{12} + 26 \cdot 37^{13} + 9 \cdot 37^{14} + 4 \cdot 37^{15} + 23 \cdot 37^{16} + 4 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 6, 2) = 35 \cdot 37^{11} + 13 \cdot 37^{12} + 37^{13} + 35 \cdot 37^{14} + 4 \cdot 37^{15} + 21 \cdot 37^{16} + 16 \cdot 37^{17} + 35 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 6, 1, 1) = 18 \cdot 37^{11} + 29 \cdot 37^{12} + 33 \cdot 37^{13} + 14 \cdot 37^{14} + 22 \cdot 37^{15} + 8 \cdot 37^{16} + 16 \cdot 37^{17} + 21 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 5, 3) = 30 \cdot 37^{11} + 12 \cdot 37^{12} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 5, 2, 1) = 21 \cdot 37^{11} + 23 \cdot 37^{12} + 4 \cdot 37^{13} + 29 \cdot 37^{14} + 3 \cdot 37^{15} + 3 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 5, 1, 2) = 28 \cdot 37^{11} + 35 \cdot 37^{12} + 12 \cdot 37^{13} + 34 \cdot 37^{14} + 33 \cdot 37^{15} + 20 \cdot 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 5, 1, 1, 1) = 24 \cdot 37^{11} + 16 \cdot 37^{12} + 20 \cdot 37^{13} + 2 \cdot 37^{14} + 7 \cdot 37^{15} + 9 \cdot 37^{16} + 24 \cdot 37^{17} + 13 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 4, 4) = 23 \cdot 37^{11} + 34 \cdot 37^{12} + 19 \cdot 37^{13} + 19 \cdot 37^{14} + 3 \cdot 37^{15} + 12 \cdot 37^{16} + 4 \cdot 37^{17} + 35 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 4, 3, 1) = 19 \cdot 37^{11} + 8 \cdot 37^{12} + 23 \cdot 37^{13} + 21 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 18 \cdot 37^{17} + 10 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 4, 2, 2) = 14 \cdot 37^{11} + 25 \cdot 37^{12} + 11 \cdot 37^{13} + 2 \cdot 37^{14} + 34 \cdot 37^{15} + 2 \cdot 37^{16} + 33 \cdot 37^{17} + 27 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 4, 2, 1, 1) = 6 \cdot 37^{11} + 30 \cdot 37^{12} + 9 \cdot 37^{13} + 28 \cdot 37^{14} + 12 \cdot 37^{15} + 26 \cdot 37^{16} + 26 \cdot 37^{17} + 25 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 4, 1, 3) = 3 \cdot 37^{11} + 9 \cdot 37^{12} + 37^{13} + 30 \cdot 37^{14} + 26 \cdot 37^{15} + 35 \cdot 37^{16} + 25 \cdot 37^{17} + 26 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 4, 1, 2, 1) = 21 \cdot 37^{11} + 11 \cdot 37^{12} + 22 \cdot 37^{13} + 21 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 7 \cdot 37^{17} + 11 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 4, 1, 1, 2) = 34 \cdot 37^{11} + 20 \cdot 37^{12} + 23 \cdot 37^{13} + 6 \cdot 37^{14} + 28 \cdot 37^{15} + 33 \cdot 37^{16} + 28 \cdot 37^{17} + 22 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 4, 1, 1, 1, 1) = 25 \cdot 37^{11} + 28 \cdot 37^{12} + 15 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 34 \cdot 37^{16} + 10 \cdot 37^{17} + 17 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 5) = 36 \cdot 37^{11} + 21 \cdot 37^{12} + 9 \cdot 37^{13} + 4 \cdot 37^{14} + 35 \cdot 37^{15} + 12 \cdot 37^{16} + 24 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 4, 1) = 33 \cdot 37^{11} + 8 \cdot 37^{12} + 5 \cdot 37^{13} + 32 \cdot 37^{14} + 15 \cdot 37^{15} + 12 \cdot 37^{16} + 37^{17} + 7 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 3, 2) = 31 \cdot 37^{11} + 7 \cdot 37^{12} + 7 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 9 \cdot 37^{16} + 17 \cdot 37^{17} + 22 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 3, 1, 1) = 21 \cdot 37^{12} + 29 \cdot 37^{13} + 28 \cdot 37^{14} + 15 \cdot 37^{15} + 9 \cdot 37^{16} + 13 \cdot 37^{17} + 16 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 2, 3) = 32 \cdot 37^{11} + 15 \cdot 37^{12} + 5 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 17 \cdot 37^{16} + 15 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 2, 2, 1) = 3 \cdot 37^{11} + 7 \cdot 37^{12} + 4 \cdot 37^{13} + 23 \cdot 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{16} + 32 \cdot 37^{17} + 29 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 2, 1, 2) = 8 \cdot 37^{11} + 10 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{14} + 16 \cdot 37^{16} + 8 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 2, 1, 1, 1) = 27 \cdot 37^{11} + 17 \cdot 37^{12} + 11 \cdot 37^{13} + 26 \cdot 37^{14} + 34 \cdot 37^{15} + 28 \cdot 37^{16} + 13 \cdot 37^{17} + 15 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 4) = 22 \cdot 37^{11} + 15 \cdot 37^{12} + 19 \cdot 37^{13} + 20 \cdot 37^{14} + 11 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 3, 1) = 18 \cdot 37^{11} + 21 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 3 \cdot 37^{15} + 29 \cdot 37^{16} + 26 \cdot 37^{17} + 4 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 2, 2) = 12 \cdot 37^{11} + 7 \cdot 37^{12} + 32 \cdot 37^{13} + 30 \cdot 37^{14} + 26 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 9 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 2, 1, 1) = 20 \cdot 37^{11} + 14 \cdot 37^{12} + 15 \cdot 37^{14} + 24 \cdot 37^{15} + 18 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 3) = 37^{11} + 26 \cdot 37^{12} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 4 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 2, 1) = 16 \cdot 37^{11} + 33 \cdot 37^{12} + 12 \cdot 37^{13} + 23 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 33 \cdot 37^{17} + 18 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 2) = 29 \cdot 37^{11} + 34 \cdot 37^{12} + 4 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 29 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 1, 1) = 25 \cdot 37^{11} + 6 \cdot 37^{12} + 15 \cdot 37^{13} + 25 \cdot 37^{14} + 17 \cdot 37^{15} + 23 \cdot 37^{16} + 23 \cdot 37^{17} + 18 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 6) = 15 \cdot 37^{11} + 35 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 19 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 23 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 5, 1) = 28 \cdot 37^{11} + 16 \cdot 37^{12} + 2 \cdot 37^{13} + 4 \cdot 37^{14} + 20 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 35 \cdot 37^{18} + 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 4, 2) = 34 \cdot 37^{11} + 13 \cdot 37^{12} + 28 \cdot 37^{13} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 28 \cdot 37^{17} + 22 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 4, 1, 1) = 10 \cdot 37^{11} + 21 \cdot 37^{12} + 23 \cdot 37^{13} + 17 \cdot 37^{14} + 19 \cdot 37^{15} + 20 \cdot 37^{16} + 24 \cdot 37^{17} + 3 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 3, 3) = 25 \cdot 37^{11} + 33 \cdot 37^{12} + 2 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 9 \cdot 37^{16} + 15 \cdot 37^{17} + 17 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 3, 2, 1) = 14 \cdot 37^{11} + 19 \cdot 37^{12} + 34 \cdot 37^{13} + 30 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 8 \cdot 37^{17} + 32 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 3, 1, 2) = 30 \cdot 37^{11} + 33 \cdot 37^{12} + 23 \cdot 37^{13} + 5 \cdot 37^{14} + 12 \cdot 37^{15} + 12 \cdot 37^{16} + 6 \cdot 37^{17} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 3, 1, 1, 1) = 33 \cdot 37^{11} + 20 \cdot 37^{12} + 25 \cdot 37^{13} + 22 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 11 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 4) = 31 \cdot 37^{11} + 9 \cdot 37^{12} + 34 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 7 \cdot 37^{17} + 21 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 3, 1) = 15 \cdot 37^{11} + 15 \cdot 37^{12} + 30 \cdot 37^{13} + 30 \cdot 37^{16} + 29 \cdot 37^{17} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 2, 2) = 29 \cdot 37^{11} + 14 \cdot 37^{12} + 10 \cdot 37^{13} + 5 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 2, 1, 1) = 33 \cdot 37^{11} + 31 \cdot 37^{12} + 2 \cdot 37^{13} + 35 \cdot 37^{14} + 2 \cdot 37^{15} + 9 \cdot 37^{16} + 8 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 3) = 4 \cdot 37^{11} + 13 \cdot 37^{12} + 12 \cdot 37^{13} + 30 \cdot 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{17} + 30 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 2, 1) = 28 \cdot 37^{11} + 34 \cdot 37^{12} + 21 \cdot 37^{13} + 29 \cdot 37^{14} + 12 \cdot 37^{15} + 24 \cdot 37^{16} + 30 \cdot 37^{17} + 29 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 2) = 21 \cdot 37^{11} + 16 \cdot 37^{12} + 33 \cdot 37^{13} + 10 \cdot 37^{14} + 17 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 25 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 1, 1) = 11 \cdot 37^{11} + 35 \cdot 37^{12} + 16 \cdot 37^{13} + 25 \cdot 37^{14} + 11 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 5) = 2 \cdot 37^{12} + 7 \cdot 37^{13} + 26 \cdot 37^{14} + 29 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 26 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 4, 1) = 4 \cdot 37^{11} + 18 \cdot 37^{12} + 5 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 3, 2) = 29 \cdot 37^{11} + 2 \cdot 37^{12} + 12 \cdot 37^{13} + 12 \cdot 37^{14} + 34 \cdot 37^{15} + 6 \cdot 37^{17} + 2 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 3, 1, 1) = 35 \cdot 37^{11} + 12 \cdot 37^{12} + 7 \cdot 37^{13} + 13 \cdot 37^{15} + 27 \cdot 37^{16} + 15 \cdot 37^{17} + 17 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 3) = 32 \cdot 37^{11} + 15 \cdot 37^{12} + 5 \cdot 37^{13} + 15 \cdot 37^{14} + 3 \cdot 37^{15} + 17 \cdot 37^{16} + 15 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 2, 1) = 29 \cdot 37^{11} + 37^{12} + 37^{13} + 33 \cdot 37^{14} + 29 \cdot 37^{15} + 22 \cdot 37^{16} + 11 \cdot 37^{17} + 10 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 2) = 29 \cdot 37^{11} + 10 \cdot 37^{12} + 9 \cdot 37^{13} + 33 \cdot 37^{14} + 6 \cdot 37^{15} + 30 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 1, 1) = 2 \cdot 37^{11} + 6 \cdot 37^{12} + 7 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 4) = 26 \cdot 37^{12} + 6 \cdot 37^{13} + 36 \cdot 37^{14} + 24 \cdot 37^{15} + 3 \cdot 37^{16} + 28 \cdot 37^{17} + 8 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 3, 1) = 33 \cdot 37^{11} + 21 \cdot 37^{12} + 19 \cdot 37^{13} + 19 \cdot 37^{14} + 7 \cdot 37^{15} + 33 \cdot 37^{16} + 32 \cdot 37^{17} + 3 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 2) = 34 \cdot 37^{11} + 34 \cdot 37^{12} + 7 \cdot 37^{13} + 30 \cdot 37^{14} + 6 \cdot 37^{15} + 8 \cdot 37^{16} + 35 \cdot 37^{17} + 13 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 1, 1) = 16 \cdot 37^{11} + 13 \cdot 37^{12} + 14 \cdot 37^{13} + 10 \cdot 37^{14} + 29 \cdot 37^{15} + 9 \cdot 37^{16} + 9 \cdot 37^{17} + 10 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 3) = 8 \cdot 37^{11} + 34 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 33 \cdot 37^{17} + 29 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 2, 1) = 2 \cdot 37^{11} + 7 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 24 \cdot 37^{15} + 23 \cdot 37^{16} + 23 \cdot 37^{17} + 36 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 2) = 9 \cdot 37^{11} + 12 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 22 \cdot 37^{15} + 4 \cdot 37^{16} + 7 \cdot 37^{17} + 36 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 1, 1) = 10 \cdot 37^{11} + 8 \cdot 37^{12} + 23 \cdot 37^{13} + 11 \cdot 37^{14} + 37^{15} + 3 \cdot 37^{16} + 29 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 7) = 17 \cdot 37^{11} + 36 \cdot 37^{12} + 10 \cdot 37^{13} + 32 \cdot 37^{14} + 18 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 6, 1) = 10 \cdot 37^{11} + 13 \cdot 37^{12} + 27 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 9 \cdot 37^{16} + 15 \cdot 37^{17} + 15 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 5, 2) = 11 \cdot 37^{11} + 29 \cdot 37^{12} + 21 \cdot 37^{13} + 23 \cdot 37^{14} + 26 \cdot 37^{15} + 8 \cdot 37^{16} + 37^{17} + 20 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 5, 1, 1) = 34 \cdot 37^{11} + 27 \cdot 37^{12} + 10 \cdot 37^{13} + 27 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 34 \cdot 37^{17} + 37^{18} + 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 4, 3) = 20 \cdot 37^{11} + 9 \cdot 37^{12} + 6 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{16} + 32 \cdot 37^{17} + 21 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 4, 2, 1) = 5 \cdot 37^{11} + 4 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 20 \cdot 37^{15} + 31 \cdot 37^{16} + 19 \cdot 37^{17} + 5 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 4, 1, 2) = 20 \cdot 37^{11} + 3 \cdot 37^{12} + 10 \cdot 37^{13} + 10 \cdot 37^{14} + 23 \cdot 37^{15} + 21 \cdot 37^{16} + 29 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 4, 1, 1, 1) = 4 \cdot 37^{11} + 11 \cdot 37^{12} + 21 \cdot 37^{13} + 18 \cdot 37^{14} + 16 \cdot 37^{15} + 35 \cdot 37^{16} + 30 \cdot 37^{17} + 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 4) = 21 \cdot 37^{11} + 27 \cdot 37^{12} + 6 \cdot 37^{13} + 35 \cdot 37^{14} + 26 \cdot 37^{15} + 19 \cdot 37^{16} + 10 \cdot 37^{17} + 31 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 3, 1) = 32 \cdot 37^{11} + 14 \cdot 37^{12} + 26 \cdot 37^{13} + 36 \cdot 37^{14} + 26 \cdot 37^{15} + 17 \cdot 37^{16} + 18 \cdot 37^{17} + 7 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 2, 2) = 2 \cdot 37^{11} + 16 \cdot 37^{12} + 3 \cdot 37^{13} + 11 \cdot 37^{14} + 37^{15} + 22 \cdot 37^{16} + 14 \cdot 37^{17} + 20 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 2, 1, 1) = 5 \cdot 37^{11} + 17 \cdot 37^{12} + 27 \cdot 37^{13} + 22 \cdot 37^{14} + 31 \cdot 37^{15} + 30 \cdot 37^{16} + 28 \cdot 37^{17} + 26 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 3) = 20 \cdot 37^{11} + 4 \cdot 37^{12} + 37^{13} + 37^{14} + 22 \cdot 37^{15} + 10 \cdot 37^{16} + 22 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 2, 1) = 17 \cdot 37^{11} + 16 \cdot 37^{12} + 24 \cdot 37^{13} + 2 \cdot 37^{14} + 35 \cdot 37^{15} + 4 \cdot 37^{16} + 29 \cdot 37^{17} + 7 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 2) = 24 \cdot 37^{11} + 26 \cdot 37^{12} + 36 \cdot 37^{13} + 4 \cdot 37^{14} + 30 \cdot 37^{15} + 21 \cdot 37^{16} + 6 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 1, 1) = 18 \cdot 37^{11} + 7 \cdot 37^{12} + 16 \cdot 37^{13} + 11 \cdot 37^{14} + 5 \cdot 37^{15} + 31 \cdot 37^{16} + 12 \cdot 37^{17} + 18 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 5) = 20 \cdot 37^{11} + 2 \cdot 37^{12} + 36 \cdot 37^{13} + 24 \cdot 37^{14} + 29 \cdot 37^{15} + 17 \cdot 37^{16} + 27 \cdot 37^{17} + 18 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 4, 1) = 9 \cdot 37^{11} + 11 \cdot 37^{12} + 29 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 9 \cdot 37^{16} + 37^{17} + 17 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 3, 2) = 33 \cdot 37^{11} + 13 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 2 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 10 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 3, 1, 1) = 13 \cdot 37^{11} + 5 \cdot 37^{12} + 29 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 21 \cdot 37^{16} + 3 \cdot 37^{17} + 10 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 3) = 25 \cdot 37^{11} + 33 \cdot 37^{12} + 2 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 9 \cdot 37^{16} + 15 \cdot 37^{17} + 17 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 2, 1) = 12 \cdot 37^{11} + 34 \cdot 37^{12} + 15 \cdot 37^{13} + 17 \cdot 37^{14} + 26 \cdot 37^{15} + 7 \cdot 37^{16} + 17 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 2) = 15 \cdot 37^{11} + 9 \cdot 37^{12} + 27 \cdot 37^{13} + 34 \cdot 37^{14} + 31 \cdot 37^{15} + 5 \cdot 37^{16} + 22 \cdot 37^{17} + 28 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 1, 1) = 25 \cdot 37^{11} + 9 \cdot 37^{12} + 19 \cdot 37^{13} + 17 \cdot 37^{14} + 35 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{17} + 19 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 4) = 30 \cdot 37^{11} + 2 \cdot 37^{12} + 24 \cdot 37^{13} + 30 \cdot 37^{14} + 18 \cdot 37^{15} + 4 \cdot 37^{16} + 21 \cdot 37^{17} + 21 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 3, 1) = 7 \cdot 37^{11} + 13 \cdot 37^{12} + 27 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{16} + 4 \cdot 37^{17} + 2 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 2) = 23 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 15 \cdot 37^{14} + 7 \cdot 37^{15} + 37^{16} + 25 \cdot 37^{17} + 18 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 1, 1) = 24 \cdot 37^{11} + 2 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{14} + 23 \cdot 37^{15} + 10 \cdot 37^{16} + 27 \cdot 37^{17} + 24 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 3) = 32 \cdot 37^{11} + 35 \cdot 37^{12} + 9 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 32 \cdot 37^{17} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 2, 1) = 25 \cdot 37^{11} + 12 \cdot 37^{12} + 28 \cdot 37^{13} + 8 \cdot 37^{14} + 4 \cdot 37^{16} + 12 \cdot 37^{17} + 22 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 2) = 8 \cdot 37^{11} + 16 \cdot 37^{12} + 19 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 33 \cdot 37^{16} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 1, 1) = 24 \cdot 37^{11} + 31 \cdot 37^{12} + 29 \cdot 37^{13} + 31 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 6) = 23 \cdot 37^{11} + 4 \cdot 37^{12} + 3 \cdot 37^{13} + 37^{14} + 23 \cdot 37^{15} + 29 \cdot 37^{16} + 32 \cdot 37^{17} + 5 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 5, 1) = 34 \cdot 37^{11} + 6 \cdot 37^{12} + 17 \cdot 37^{13} + 13 \cdot 37^{14} + 35 \cdot 37^{15} + 35 \cdot 37^{16} + 3 \cdot 37^{17} + 34 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 4, 2) = 2 \cdot 37^{11} + 25 \cdot 37^{12} + 18 \cdot 37^{13} + 22 \cdot 37^{14} + 11 \cdot 37^{15} + 5 \cdot 37^{16} + 34 \cdot 37^{17} + 29 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 4, 1, 1) = 31 \cdot 37^{11} + 5 \cdot 37^{12} + 24 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{15} + 4 \cdot 37^{16} + 31 \cdot 37^{17} + 36 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 3) = 20 \cdot 37^{11} + 9 \cdot 37^{12} + 6 \cdot 37^{13} + 16 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{16} + 32 \cdot 37^{17} + 21 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 2, 1) = 23 \cdot 37^{11} + 21 \cdot 37^{12} + 36 \cdot 37^{13} + 26 \cdot 37^{14} + 15 \cdot 37^{15} + 37^{16} + 36 \cdot 37^{17} + 21 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 2) = 9 \cdot 37^{11} + 28 \cdot 37^{12} + 2 \cdot 37^{13} + 35 \cdot 37^{14} + 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 15 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 1) = 7 \cdot 37^{11} + 12 \cdot 37^{12} + 23 \cdot 37^{13} + 15 \cdot 37^{14} + 18 \cdot 37^{15} + 17 \cdot 37^{16} + 28 \cdot 37^{17} + 7 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 4) = 4 \cdot 37^{11} + 9 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 32 \cdot 37^{15} + 8 \cdot 37^{16} + 32 \cdot 37^{17} + 16 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 3, 1) = 4 \cdot 37^{11} + 35 \cdot 37^{12} + 20 \cdot 37^{13} + 30 \cdot 37^{14} + 16 \cdot 37^{15} + 11 \cdot 37^{16} + 34 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 2) = 24 \cdot 37^{11} + 4 \cdot 37^{12} + 33 \cdot 37^{13} + 26 \cdot 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 27 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 1, 1) = 9 \cdot 37^{11} + 21 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 26 \cdot 37^{15} + 16 \cdot 37^{16} + 8 \cdot 37^{17} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 3) = 21 \cdot 37^{11} + 13 \cdot 37^{12} + 16 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 25 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 2, 1) = 22 \cdot 37^{12} + 37^{13} + 26 \cdot 37^{14} + 37^{15} + 6 \cdot 37^{16} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 2) = 17 \cdot 37^{11} + 21 \cdot 37^{12} + 32 \cdot 37^{13} + 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{16} + 25 \cdot 37^{17} + 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 1, 1) = 33 \cdot 37^{11} + 15 \cdot 37^{12} + 8 \cdot 37^{13} + 26 \cdot 37^{14} + 20 \cdot 37^{15} + 17 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 5) = 13 \cdot 37^{11} + 30 \cdot 37^{12} + 18 \cdot 37^{13} + 17 \cdot 37^{14} + 18 \cdot 37^{15} + 35 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 4, 1) = 37^{11} + 17 \cdot 37^{12} + 4 \cdot 37^{13} + 10 \cdot 37^{14} + 26 \cdot 37^{15} + 2 \cdot 37^{16} + 16 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 2) = 11 \cdot 37^{11} + 5 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 31 \cdot 37^{16} + 20 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 1, 1) = 10 \cdot 37^{11} + 11 \cdot 37^{13} + 24 \cdot 37^{14} + 4 \cdot 37^{15} + 22 \cdot 37^{16} + 33 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 3) = 30 \cdot 37^{11} + 12 \cdot 37^{12} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 2, 1) = 4 \cdot 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 25 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 2) = 31 \cdot 37^{11} + 19 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 6 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 1, 1) = 6 \cdot 37^{11} + 7 \cdot 37^{12} + 23 \cdot 37^{13} + 12 \cdot 37^{14} + 15 \cdot 37^{15} + 4 \cdot 37^{16} + 7 \cdot 37^{17} + 22 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 4) = 8 \cdot 37^{11} + 29 \cdot 37^{12} + 20 \cdot 37^{13} + 23 \cdot 37^{14} + 28 \cdot 37^{15} + 37^{16} + 28 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 3, 1) = 26 \cdot 37^{11} + 23 \cdot 37^{12} + 35 \cdot 37^{13} + 28 \cdot 37^{14} + 21 \cdot 37^{15} + 8 \cdot 37^{16} + 16 \cdot 37^{17} + 10 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 2) = 2 \cdot 37^{11} + 29 \cdot 37^{12} + 9 \cdot 37^{13} + 17 \cdot 37^{14} + 16 \cdot 37^{15} + 22 \cdot 37^{16} + 37^{17} + 11 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 1, 1) = 15 \cdot 37^{11} + 28 \cdot 37^{12} + 37^{13} + 7 \cdot 37^{14} + 11 \cdot 37^{15} + 24 \cdot 37^{16} + 13 \cdot 37^{17} + 10 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 3) = 22 \cdot 37^{11} + 33 \cdot 37^{12} + 4 \cdot 37^{13} + 29 \cdot 37^{14} + 2 \cdot 37^{15} + 19 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 2, 1) = 29 \cdot 37^{11} + 14 \cdot 37^{12} + 8 \cdot 37^{13} + 27 \cdot 37^{14} + 34 \cdot 37^{15} + 18 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 2) = 30 \cdot 37^{11} + 8 \cdot 37^{12} + 3 \cdot 37^{13} + 28 \cdot 37^{14} + 9 \cdot 37^{15} + 23 \cdot 37^{16} + 6 \cdot 37^{17} + 20 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 35 \cdot 37^{11} + 13 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 9) = 24 \cdot 37^{11} + 16 \cdot 37^{12} + 15 \cdot 37^{13} + 13 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 3 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 8, 1) = 31 \cdot 37^{11} + 34 \cdot 37^{12} + 11 \cdot 37^{13} + 3 \cdot 37^{14} + 27 \cdot 37^{15} + 3 \cdot 37^{16} + 20 \cdot 37^{17} + 6 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 7, 2) = 4 \cdot 37^{11} + 13 \cdot 37^{13} + 32 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 7, 1, 1) = 36 \cdot 37^{11} + 36 \cdot 37^{12} + 28 \cdot 37^{13} + 7 \cdot 37^{14} + 21 \cdot 37^{15} + 8 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 6, 3) = 8 \cdot 37^{11} + 29 \cdot 37^{12} + 20 \cdot 37^{13} + 23 \cdot 37^{14} + 28 \cdot 37^{15} + 37^{16} + 28 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 6, 2, 1) = 18 \cdot 37^{11} + 29 \cdot 37^{12} + 13 \cdot 37^{13} + 27 \cdot 37^{14} + 36 \cdot 37^{15} + 11 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 6, 1, 2) = 4 \cdot 37^{11} + 11 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 5 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 6, 1, 1, 1) = 24 \cdot 37^{11} + 26 \cdot 37^{12} + 23 \cdot 37^{13} + 26 \cdot 37^{14} + 27 \cdot 37^{15} + 12 \cdot 37^{16} + 13 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 5, 4) = 22 \cdot 37^{11} + 13 \cdot 37^{12} + 19 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 23 \cdot 37^{16} + 30 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 5, 3, 1) = 5 \cdot 37^{11} + 28 \cdot 37^{12} + 21 \cdot 37^{13} + 26 \cdot 37^{14} + 31 \cdot 37^{15} + 5 \cdot 37^{16} + 30 \cdot 37^{17} + 4 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 5, 2, 2) = 28 \cdot 37^{11} + 24 \cdot 37^{12} + 29 \cdot 37^{13} + 16 \cdot 37^{14} + 18 \cdot 37^{15} + 20 \cdot 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 5, 2, 1, 1) = 2 \cdot 37^{11} + 33 \cdot 37^{12} + 24 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 31 \cdot 37^{16} + 2 \cdot 37^{17} + 11 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 5, 1, 3) = 33 \cdot 37^{11} + 4 \cdot 37^{12} + 11 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 18 \cdot 37^{16} + 22 \cdot 37^{17} + 18 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 5, 1, 2, 1) = 31 \cdot 37^{11} + 37^{12} + 2 \cdot 37^{13} + 21 \cdot 37^{14} + 26 \cdot 37^{15} + 28 \cdot 37^{16} + 22 \cdot 37^{17} + 35 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 5, 1, 1, 2) = 18 \cdot 37^{11} + 22 \cdot 37^{12} + 3 \cdot 37^{13} + 33 \cdot 37^{14} + 37^{15} + 37^{16} + 24 \cdot 37^{17} + 10 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 5, 1, 1, 1, 1) = 12 \cdot 37^{11} + 10 \cdot 37^{12} + 28 \cdot 37^{13} + 32 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 21 \cdot 37^{17} + 3 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 5) = 23 \cdot 37^{11} + 28 \cdot 37^{12} + 16 \cdot 37^{13} + 15 \cdot 37^{14} + 21 \cdot 37^{15} + 13 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 4, 1) = 9 \cdot 37^{11} + 37^{12} + 27 \cdot 37^{13} + 6 \cdot 37^{14} + 16 \cdot 37^{15} + 18 \cdot 37^{16} + 36 \cdot 37^{17} + 20 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 3, 2) = 24 \cdot 37^{11} + 15 \cdot 37^{12} + 17 \cdot 37^{13} + 37^{14} + 17 \cdot 37^{15} + 12 \cdot 37^{16} + 21 \cdot 37^{17} + 23 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 3, 1, 1) = 27 \cdot 37^{11} + 6 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{14} + 4 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 2 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 2, 3) = 26 \cdot 37^{12} + 6 \cdot 37^{13} + 36 \cdot 37^{14} + 24 \cdot 37^{15} + 3 \cdot 37^{16} + 28 \cdot 37^{17} + 8 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 2, 2, 1) = 8 \cdot 37^{11} + 15 \cdot 37^{12} + 23 \cdot 37^{13} + 25 \cdot 37^{14} + 8 \cdot 37^{15} + 23 \cdot 37^{16} + 22 \cdot 37^{17} + 27 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 2, 1, 2) = 17 \cdot 37^{11} + 7 \cdot 37^{12} + 6 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 17 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 2, 1, 1, 1) = 18 \cdot 37^{11} + 26 \cdot 37^{12} + 31 \cdot 37^{13} + 15 \cdot 37^{14} + 6 \cdot 37^{15} + 22 \cdot 37^{16} + 18 \cdot 37^{17} + 9 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 4) = 22 \cdot 37^{11} + 17 \cdot 37^{12} + 2 \cdot 37^{13} + 22 \cdot 37^{14} + 6 \cdot 37^{15} + 33 \cdot 37^{16} + 29 \cdot 37^{17} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 3, 1) = 36 \cdot 37^{11} + 33 \cdot 37^{12} + 14 \cdot 37^{13} + 25 \cdot 37^{14} + 16 \cdot 37^{15} + 30 \cdot 37^{16} + 14 \cdot 37^{17} + 15 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 2, 2) = 30 \cdot 37^{11} + 27 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 9 \cdot 37^{15} + 35 \cdot 37^{16} + 13 \cdot 37^{17} + 8 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 2, 1, 1) = 3 \cdot 37^{11} + 33 \cdot 37^{12} + 26 \cdot 37^{13} + 15 \cdot 37^{14} + 37^{15} + 26 \cdot 37^{16} + 15 \cdot 37^{17} + 8 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 3) = 5 \cdot 37^{11} + 25 \cdot 37^{12} + 33 \cdot 37^{13} + 2 \cdot 37^{14} + 17 \cdot 37^{15} + 28 \cdot 37^{16} + 7 \cdot 37^{17} + 17 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 2, 1) = 9 \cdot 37^{11} + 20 \cdot 37^{12} + 10 \cdot 37^{13} + 8 \cdot 37^{14} + 25 \cdot 37^{15} + 26 \cdot 37^{16} + 15 \cdot 37^{17} + 25 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 2) = 21 \cdot 37^{11} + 10 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 23 \cdot 37^{17} + 11 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 1, 1) = 34 \cdot 37^{11} + 9 \cdot 37^{12} + 12 \cdot 37^{13} + 7 \cdot 37^{14} + 15 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 25 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 6) = 29 \cdot 37^{11} + 23 \cdot 37^{12} + 4 \cdot 37^{13} + 24 \cdot 37^{14} + 34 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 5, 1) = 4 \cdot 37^{11} + 8 \cdot 37^{12} + 11 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 12 \cdot 37^{16} + 4 \cdot 37^{17} + 32 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 4, 2) = 28 \cdot 37^{11} + 20 \cdot 37^{12} + 35 \cdot 37^{13} + 20 \cdot 37^{14} + 16 \cdot 37^{15} + 3 \cdot 37^{16} + 22 \cdot 37^{17} + 25 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 4, 1, 1) = 20 \cdot 37^{11} + 17 \cdot 37^{12} + 3 \cdot 37^{13} + 32 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 5 \cdot 37^{17} + 32 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 3, 3) = 30 \cdot 37^{11} + 2 \cdot 37^{12} + 24 \cdot 37^{13} + 30 \cdot 37^{14} + 18 \cdot 37^{15} + 4 \cdot 37^{16} + 21 \cdot 37^{17} + 21 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 3, 2, 1) = 14 \cdot 37^{11} + 27 \cdot 37^{12} + 10 \cdot 37^{13} + 30 \cdot 37^{14} + 21 \cdot 37^{15} + 2 \cdot 37^{16} + 12 \cdot 37^{17} + 13 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 3, 1, 2) = 17 \cdot 37^{11} + 8 \cdot 37^{12} + 5 \cdot 37^{13} + 6 \cdot 37^{14} + 15 \cdot 37^{16} + 6 \cdot 37^{17} + 13 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 3, 1, 1, 1) = 16 \cdot 37^{11} + 23 \cdot 37^{12} + 11 \cdot 37^{13} + 21 \cdot 37^{14} + 14 \cdot 37^{15} + 35 \cdot 37^{16} + 34 \cdot 37^{17} + 19 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 4) = 20 \cdot 37^{11} + 21 \cdot 37^{12} + 6 \cdot 37^{13} + 15 \cdot 37^{14} + 32 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 18 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 3, 1) = 5 \cdot 37^{11} + 18 \cdot 37^{12} + 27 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 20 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 2) = 11 \cdot 37^{11} + 2 \cdot 37^{12} + 6 \cdot 37^{13} + 10 \cdot 37^{14} + 19 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 35 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 2, 1, 1) = 32 \cdot 37^{11} + 7 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 37^{15} + 36 \cdot 37^{16} + 36 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 3) = 10 \cdot 37^{11} + 2 \cdot 37^{12} + 25 \cdot 37^{13} + 10 \cdot 37^{14} + 22 \cdot 37^{15} + 7 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 2, 1) = 35 \cdot 37^{11} + 26 \cdot 37^{12} + 3 \cdot 37^{13} + 14 \cdot 37^{14} + 33 \cdot 37^{15} + 15 \cdot 37^{16} + 22 \cdot 37^{17} + 23 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 2) = 31 \cdot 37^{11} + 4 \cdot 37^{12} + 5 \cdot 37^{13} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 32 \cdot 37^{16} + 14 \cdot 37^{17} + 22 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 1, 1) = 5 \cdot 37^{11} + 11 \cdot 37^{12} + 12 \cdot 37^{13} + 15 \cdot 37^{14} + 20 \cdot 37^{15} + 8 \cdot 37^{16} + 24 \cdot 37^{17} + 33 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 5) = 2 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 11 \cdot 37^{15} + 34 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 4, 1) = 14 \cdot 37^{11} + 31 \cdot 37^{12} + 4 \cdot 37^{13} + 18 \cdot 37^{14} + 11 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 3, 2) = 18 \cdot 37^{11} + 21 \cdot 37^{12} + 9 \cdot 37^{13} + 23 \cdot 37^{14} + 27 \cdot 37^{15} + 28 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 3, 1, 1) = 5 \cdot 37^{11} + 23 \cdot 37^{12} + 21 \cdot 37^{13} + 14 \cdot 37^{14} + 7 \cdot 37^{15} + 2 \cdot 37^{16} + 37^{17} + 2 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 3) = 22 \cdot 37^{11} + 15 \cdot 37^{12} + 19 \cdot 37^{13} + 20 \cdot 37^{14} + 11 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 2, 1) = 15 \cdot 37^{11} + 22 \cdot 37^{12} + 23 \cdot 37^{13} + 10 \cdot 37^{15} + 25 \cdot 37^{16} + 11 \cdot 37^{17} + 7 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 2) = 19 \cdot 37^{11} + 4 \cdot 37^{12} + 8 \cdot 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 36 \cdot 37^{16} + 2 \cdot 37^{17} + 32 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 1, 1) = 10 \cdot 37^{11} + 14 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 5 \cdot 37^{17} + 11 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 4) = 22 \cdot 37^{11} + 17 \cdot 37^{12} + 2 \cdot 37^{13} + 22 \cdot 37^{14} + 6 \cdot 37^{15} + 33 \cdot 37^{16} + 29 \cdot 37^{17} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 3, 1) = 8 \cdot 37^{11} + 10 \cdot 37^{12} + 7 \cdot 37^{13} + 22 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 25 \cdot 37^{17} + 22 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 2) = 21 \cdot 37^{11} + 36 \cdot 37^{12} + 9 \cdot 37^{13} + 37^{14} + 22 \cdot 37^{15} + 31 \cdot 37^{16} + 31 \cdot 37^{17} + 26 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 1, 1) = 7 \cdot 37^{11} + 8 \cdot 37^{12} + 2 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 3) = 25 \cdot 37^{11} + 29 \cdot 37^{12} + 19 \cdot 37^{13} + 33 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 4 \cdot 37^{17} + 27 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 2, 1) = 3 \cdot 37^{11} + 5 \cdot 37^{12} + 13 \cdot 37^{13} + 34 \cdot 37^{14} + 14 \cdot 37^{15} + 8 \cdot 37^{16} + 23 \cdot 37^{17} + 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 2) = 11 \cdot 37^{12} + 6 \cdot 37^{13} + 32 \cdot 37^{14} + 35 \cdot 37^{15} + 26 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 1, 1) = 25 \cdot 37^{11} + 25 \cdot 37^{12} + 24 \cdot 37^{13} + 32 \cdot 37^{14} + 36 \cdot 37^{15} + 37^{16} + 22 \cdot 37^{17} + 10 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 7) = 24 \cdot 37^{11} + 10 \cdot 37^{12} + 37^{13} + 32 \cdot 37^{14} + 3 \cdot 37^{15} + 27 \cdot 37^{16} + 30 \cdot 37^{17} + 31 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 6, 1) = 34 \cdot 37^{11} + 13 \cdot 37^{12} + 21 \cdot 37^{13} + 37^{14} + 28 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 16 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 5, 2) = 27 \cdot 37^{11} + 31 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 4 \cdot 37^{17} + 33 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 5, 1, 1) = 22 \cdot 37^{11} + 14 \cdot 37^{12} + 25 \cdot 37^{13} + 3 \cdot 37^{14} + 25 \cdot 37^{15} + 35 \cdot 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 4, 3) = 4 \cdot 37^{11} + 9 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 32 \cdot 37^{15} + 8 \cdot 37^{16} + 32 \cdot 37^{17} + 16 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 4, 2, 1) = 10 \cdot 37^{11} + 22 \cdot 37^{12} + 36 \cdot 37^{13} + 3 \cdot 37^{14} + 24 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 4, 1, 2) = 7 \cdot 37^{11} + 32 \cdot 37^{12} + 5 \cdot 37^{13} + 25 \cdot 37^{14} + 15 \cdot 37^{15} + 27 \cdot 37^{16} + 5 \cdot 37^{17} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 4, 1, 1, 1) = 18 \cdot 37^{11} + 15 \cdot 37^{12} + 26 \cdot 37^{13} + 33 \cdot 37^{14} + 19 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 15 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 4) = 3 \cdot 37^{11} + 31 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 29 \cdot 37^{15} + 14 \cdot 37^{16} + 4 \cdot 37^{17} + 3 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 3, 1) = 10 \cdot 37^{11} + 28 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 7 \cdot 37^{15} + 27 \cdot 37^{16} + 37^{17} + 20 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 2, 2) = 24 \cdot 37^{11} + 19 \cdot 37^{12} + 21 \cdot 37^{14} + 12 \cdot 37^{15} + 16 \cdot 37^{16} + 5 \cdot 37^{17} + 27 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 2, 1, 1) = 7 \cdot 37^{11} + 12 \cdot 37^{12} + 18 \cdot 37^{13} + 35 \cdot 37^{14} + 9 \cdot 37^{16} + 19 \cdot 37^{17} + 27 \cdot 37^{18} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 3) = 36 \cdot 37^{11} + 30 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 35 \cdot 37^{16} + 8 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 2, 1) = 24 \cdot 37^{11} + 20 \cdot 37^{12} + 12 \cdot 37^{13} + 4 \cdot 37^{14} + 9 \cdot 37^{15} + 32 \cdot 37^{16} + 3 \cdot 37^{17} + 28 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 2) = 7 \cdot 37^{11} + 30 \cdot 37^{12} + 2 \cdot 37^{13} + 2 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 25 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 1) = 29 \cdot 37^{11} + 33 \cdot 37^{12} + 19 \cdot 37^{13} + 15 \cdot 37^{14} + 12 \cdot 37^{15} + 9 \cdot 37^{16} + 20 \cdot 37^{17} + 24 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 5) = 9 \cdot 37^{11} + 9 \cdot 37^{12} + 10 \cdot 37^{13} + 18 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 18 \cdot 37^{17} + 11 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 4, 1) = 12 \cdot 37^{11} + 16 \cdot 37^{12} + 13 \cdot 37^{13} + 17 \cdot 37^{14} + 9 \cdot 37^{15} + 30 \cdot 37^{16} + 31 \cdot 37^{17} + 34 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 3, 2) = 23 \cdot 37^{11} + 16 \cdot 37^{12} + 29 \cdot 37^{13} + 36 \cdot 37^{14} + 23 \cdot 37^{16} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 3, 1, 1) = 35 \cdot 37^{11} + 17 \cdot 37^{12} + 35 \cdot 37^{13} + 7 \cdot 37^{14} + 3 \cdot 37^{15} + 23 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 3) = 31 \cdot 37^{11} + 9 \cdot 37^{12} + 34 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 7 \cdot 37^{17} + 21 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 2, 1) = 6 \cdot 37^{11} + 30 \cdot 37^{12} + 33 \cdot 37^{13} + 21 \cdot 37^{14} + 13 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 30 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 2) = 2 \cdot 37^{11} + 20 \cdot 37^{12} + 33 \cdot 37^{13} + 7 \cdot 37^{14} + 14 \cdot 37^{15} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 1, 1) = 29 \cdot 37^{11} + 28 \cdot 37^{12} + 33 \cdot 37^{13} + 12 \cdot 37^{14} + 27 \cdot 37^{15} + 30 \cdot 37^{16} + 32 \cdot 37^{17} + 16 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 4) = 20 \cdot 37^{11} + 21 \cdot 37^{12} + 6 \cdot 37^{13} + 15 \cdot 37^{14} + 32 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 18 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 3, 1) = 28 \cdot 37^{11} + 21 \cdot 37^{12} + 18 \cdot 37^{13} + 15 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 23 \cdot 37^{17} + 16 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 2) = 8 \cdot 37^{11} + 5 \cdot 37^{12} + 32 \cdot 37^{13} + 24 \cdot 37^{14} + 10 \cdot 37^{15} + 26 \cdot 37^{17} + 21 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 1, 1) = 3 \cdot 37^{11} + 28 \cdot 37^{12} + 34 \cdot 37^{14} + 11 \cdot 37^{15} + 35 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 3) = 32 \cdot 37^{11} + 34 \cdot 37^{12} + 17 \cdot 37^{13} + 13 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 21 \cdot 37^{17} + 27 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 2, 1) = 7 \cdot 37^{11} + 10 \cdot 37^{12} + 32 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 8 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 2) = 16 \cdot 37^{11} + 3 \cdot 37^{12} + 34 \cdot 37^{13} + 8 \cdot 37^{14} + 21 \cdot 37^{15} + 11 \cdot 37^{16} + 30 \cdot 37^{17} + 18 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 37^{11} + 24 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 5 \cdot 37^{15} + 20 \cdot 37^{16} + 22 \cdot 37^{17} + 12 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 6) = 36 \cdot 37^{11} + 4 \cdot 37^{12} + 37^{13} + 29 \cdot 37^{14} + 18 \cdot 37^{15} + 7 \cdot 37^{16} + 12 \cdot 37^{17} + 32 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 5, 1) = 2 \cdot 37^{11} + 26 \cdot 37^{12} + 35 \cdot 37^{13} + 8 \cdot 37^{14} + 10 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 4, 2) = 33 \cdot 37^{11} + 22 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 20 \cdot 37^{16} + 15 \cdot 37^{17} + 29 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 4, 1, 1) = 33 \cdot 37^{11} + 24 \cdot 37^{12} + 9 \cdot 37^{13} + 19 \cdot 37^{15} + 4 \cdot 37^{16} + 37^{17} + 23 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 3) = 21 \cdot 37^{11} + 27 \cdot 37^{12} + 6 \cdot 37^{13} + 35 \cdot 37^{14} + 26 \cdot 37^{15} + 19 \cdot 37^{16} + 10 \cdot 37^{17} + 31 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 2, 1) = 20 \cdot 37^{11} + 18 \cdot 37^{12} + 34 \cdot 37^{13} + 11 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 30 \cdot 37^{17} + 9 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 2) = 18 \cdot 37^{11} + 10 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 19 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 1, 1) = 10 \cdot 37^{11} + 36 \cdot 37^{12} + 34 \cdot 37^{13} + 24 \cdot 37^{14} + 36 \cdot 37^{15} + 3 \cdot 37^{16} + 6 \cdot 37^{17} + 35 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 4) = 3 \cdot 37^{11} + 31 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 29 \cdot 37^{15} + 14 \cdot 37^{16} + 4 \cdot 37^{17} + 3 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 3, 1) = 28 \cdot 37^{11} + 2 \cdot 37^{12} + 10 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 25 \cdot 37^{16} + 3 \cdot 37^{17} + 13 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 2) = 33 \cdot 37^{11} + 27 \cdot 37^{13} + 7 \cdot 37^{14} + 3 \cdot 37^{15} + 22 \cdot 37^{16} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 1, 1) = 24 \cdot 37^{11} + 16 \cdot 37^{12} + 20 \cdot 37^{13} + 10 \cdot 37^{14} + 9 \cdot 37^{15} + 17 \cdot 37^{16} + 17 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 3) = 11 \cdot 37^{11} + 13 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 29 \cdot 37^{15} + 24 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 2, 1) = 33 \cdot 37^{11} + 12 \cdot 37^{12} + 29 \cdot 37^{13} + 32 \cdot 37^{14} + 31 \cdot 37^{15} + 19 \cdot 37^{16} + 6 \cdot 37^{17} + 3 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 2) = 37^{11} + 2 \cdot 37^{12} + 6 \cdot 37^{13} + 29 \cdot 37^{14} + 14 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 25 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 1, 1) = 37^{11} + 30 \cdot 37^{12} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 20 \cdot 37^{17} + 31 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 5) = 12 \cdot 37^{11} + 4 \cdot 37^{12} + 33 \cdot 37^{13} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 24 \cdot 37^{17} + 8 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 4, 1) = 6 \cdot 37^{11} + 16 \cdot 37^{12} + 20 \cdot 37^{13} + 36 \cdot 37^{14} + 5 \cdot 37^{15} + 26 \cdot 37^{16} + 20 \cdot 37^{17} + 12 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 2) = 13 \cdot 37^{11} + 2 \cdot 37^{12} + 26 \cdot 37^{14} + 27 \cdot 37^{15} + 35 \cdot 37^{16} + 14 \cdot 37^{17} + 16 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 1, 1) = 26 \cdot 37^{11} + 29 \cdot 37^{12} + 4 \cdot 37^{13} + 25 \cdot 37^{14} + 3 \cdot 37^{15} + 9 \cdot 37^{16} + 10 \cdot 37^{17} + 35 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 3) = 23 \cdot 37^{11} + 34 \cdot 37^{12} + 19 \cdot 37^{13} + 19 \cdot 37^{14} + 3 \cdot 37^{15} + 12 \cdot 37^{16} + 4 \cdot 37^{17} + 35 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 2, 1) = 37^{11} + 5 \cdot 37^{12} + 27 \cdot 37^{13} + 24 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 22 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 2) = 28 \cdot 37^{11} + 18 \cdot 37^{12} + 21 \cdot 37^{13} + 30 \cdot 37^{14} + 27 \cdot 37^{15} + 5 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 1, 1) = 22 \cdot 37^{11} + 18 \cdot 37^{12} + 19 \cdot 37^{13} + 34 \cdot 37^{14} + 25 \cdot 37^{15} + 7 \cdot 37^{16} + 32 \cdot 37^{17} + 26 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 4) = 22 \cdot 37^{11} + 13 \cdot 37^{12} + 19 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 23 \cdot 37^{16} + 30 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 3, 1) = 35 \cdot 37^{11} + 11 \cdot 37^{12} + 8 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 24 \cdot 37^{16} + 34 \cdot 37^{17} + 12 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 2) = 24 \cdot 37^{11} + 14 \cdot 37^{12} + 24 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 1, 1) = 6 \cdot 37^{11} + 7 \cdot 37^{12} + 23 \cdot 37^{13} + 12 \cdot 37^{14} + 15 \cdot 37^{15} + 4 \cdot 37^{16} + 7 \cdot 37^{17} + 22 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 3) = 33 \cdot 37^{11} + 13 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 20 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 2, 1) = 6 \cdot 37^{11} + 13 \cdot 37^{12} + 31 \cdot 37^{13} + 14 \cdot 37^{14} + 9 \cdot 37^{15} + 32 \cdot 37^{16} + 4 \cdot 37^{17} + 4 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 19 \cdot 37^{11} + 11 \cdot 37^{12} + 14 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 13 \cdot 37^{16} + 5 \cdot 37^{17} + 6 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 30 \cdot 37^{11} + 36 \cdot 37^{12} + 34 \cdot 37^{13} + 4 \cdot 37^{14} + 22 \cdot 37^{15} + 21 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 8) = 11 \cdot 37^{11} + 20 \cdot 37^{12} + 33 \cdot 37^{13} + 17 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 16 \cdot 37^{17} + 25 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 7, 1) = 20 \cdot 37^{11} + 7 \cdot 37^{12} + 17 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 25 \cdot 37^{17} + 25 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 6, 2) = 13 \cdot 37^{11} + 19 \cdot 37^{12} + 3 \cdot 37^{13} + 22 \cdot 37^{14} + 7 \cdot 37^{15} + 25 \cdot 37^{16} + 6 \cdot 37^{17} + 11 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 6, 1, 1) = 29 \cdot 37^{11} + 26 \cdot 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 19 \cdot 37^{15} + 31 \cdot 37^{16} + 24 \cdot 37^{17} + 27 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 5, 3) = 13 \cdot 37^{11} + 30 \cdot 37^{12} + 18 \cdot 37^{13} + 17 \cdot 37^{14} + 18 \cdot 37^{15} + 35 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 5, 2, 1) = 31 \cdot 37^{11} + 21 \cdot 37^{12} + 33 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 4 \cdot 37^{16} + 34 \cdot 37^{17} + 24 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 5, 1, 2) = 24 \cdot 37^{11} + 7 \cdot 37^{12} + 20 \cdot 37^{13} + 5 \cdot 37^{14} + 3 \cdot 37^{15} + 14 \cdot 37^{16} + 22 \cdot 37^{17} + 21 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 5, 1, 1, 1) = 12 \cdot 37^{11} + 10 \cdot 37^{12} + 28 \cdot 37^{13} + 32 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 21 \cdot 37^{17} + 3 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 4) = 12 \cdot 37^{11} + 4 \cdot 37^{12} + 33 \cdot 37^{13} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 24 \cdot 37^{17} + 8 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 3, 1) = 9 \cdot 37^{11} + 37^{12} + 35 \cdot 37^{13} + 15 \cdot 37^{14} + 7 \cdot 37^{15} + 32 \cdot 37^{16} + 35 \cdot 37^{17} + 30 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 2, 2) = 12 \cdot 37^{11} + 19 \cdot 37^{12} + 17 \cdot 37^{13} + 6 \cdot 37^{14} + 6 \cdot 37^{15} + 14 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 2, 1, 1) = 3 \cdot 37^{11} + 14 \cdot 37^{12} + 2 \cdot 37^{13} + 3 \cdot 37^{14} + 3 \cdot 37^{15} + 33 \cdot 37^{16} + 28 \cdot 37^{17} + 27 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 3) = 33 \cdot 37^{11} + 12 \cdot 37^{12} + 18 \cdot 37^{13} + 34 \cdot 37^{14} + 16 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 20 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 2, 1) = 14 \cdot 37^{11} + 30 \cdot 37^{12} + 20 \cdot 37^{13} + 27 \cdot 37^{14} + 6 \cdot 37^{15} + 37^{16} + 20 \cdot 37^{17} + 28 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 2) = 32 \cdot 37^{11} + 21 \cdot 37^{12} + 7 \cdot 37^{13} + 36 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 1, 1) = 23 \cdot 37^{11} + 22 \cdot 37^{12} + 13 \cdot 37^{13} + 29 \cdot 37^{14} + 9 \cdot 37^{15} + 33 \cdot 37^{16} + 22 \cdot 37^{17} + 8 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 5) = 4 \cdot 37^{11} + 16 \cdot 37^{12} + 16 \cdot 37^{13} + 33 \cdot 37^{14} + 20 \cdot 37^{15} + 24 \cdot 37^{16} + 30 \cdot 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 4, 1) = 3 \cdot 37^{11} + 34 \cdot 37^{12} + 19 \cdot 37^{13} + 8 \cdot 37^{14} + 12 \cdot 37^{15} + 22 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 3, 2) = 26 \cdot 37^{11} + 19 \cdot 37^{12} + 36 \cdot 37^{13} + 2 \cdot 37^{14} + 31 \cdot 37^{15} + 12 \cdot 37^{16} + 11 \cdot 37^{17} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 3, 1, 1) = 15 \cdot 37^{11} + 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 3 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 3) = 2 \cdot 37^{12} + 7 \cdot 37^{13} + 26 \cdot 37^{14} + 29 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 26 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 2, 1) = 13 \cdot 37^{11} + 19 \cdot 37^{12} + 37^{13} + 32 \cdot 37^{14} + 37^{15} + 9 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 2) = 32 \cdot 37^{11} + 29 \cdot 37^{13} + 31 \cdot 37^{14} + 21 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 1, 1) = 29 \cdot 37^{11} + 20 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 24 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 2 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 4) = 2 \cdot 37^{11} + 29 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 11 \cdot 37^{15} + 34 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 3, 1) = 27 \cdot 37^{11} + 6 \cdot 37^{12} + 10 \cdot 37^{13} + 18 \cdot 37^{14} + 5 \cdot 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 12 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 2) = 6 \cdot 37^{11} + 28 \cdot 37^{12} + 20 \cdot 37^{13} + 26 \cdot 37^{14} + 9 \cdot 37^{15} + 7 \cdot 37^{16} + 2 \cdot 37^{17} + 12 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 1, 1) = 5 \cdot 37^{11} + 13 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 2 \cdot 37^{15} + 3 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 3) = 6 \cdot 37^{11} + 33 \cdot 37^{12} + 26 \cdot 37^{13} + 12 \cdot 37^{14} + 36 \cdot 37^{15} + 28 \cdot 37^{16} + 3 \cdot 37^{17} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 2, 1) = 37^{11} + 16 \cdot 37^{12} + 5 \cdot 37^{13} + 28 \cdot 37^{14} + 27 \cdot 37^{15} + 36 \cdot 37^{16} + 28 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 2) = 23 \cdot 37^{11} + 2 \cdot 37^{12} + 8 \cdot 37^{13} + 32 \cdot 37^{14} + 10 \cdot 37^{15} + 35 \cdot 37^{16} + 35 \cdot 37^{17} + 25 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 1, 1) = 27 \cdot 37^{11} + 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 28 \cdot 37^{16} + 16 \cdot 37^{17} + 36 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 6) = 9 \cdot 37^{11} + 29 \cdot 37^{12} + 36 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 9 \cdot 37^{16} + 37^{17} + 19 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 5, 1) = 17 \cdot 37^{11} + 18 \cdot 37^{12} + 18 \cdot 37^{13} + 18 \cdot 37^{14} + 27 \cdot 37^{15} + 16 \cdot 37^{16} + 9 \cdot 37^{17} + 33 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 4, 2) = 12 \cdot 37^{11} + 13 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 17 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 4, 1, 1) = 15 \cdot 37^{11} + 5 \cdot 37^{12} + 8 \cdot 37^{13} + 19 \cdot 37^{14} + 11 \cdot 37^{15} + 28 \cdot 37^{16} + 24 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 3) = 20 \cdot 37^{11} + 2 \cdot 37^{12} + 36 \cdot 37^{13} + 24 \cdot 37^{14} + 29 \cdot 37^{15} + 17 \cdot 37^{16} + 27 \cdot 37^{17} + 18 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 2, 1) = 10 \cdot 37^{11} + 22 \cdot 37^{12} + 23 \cdot 37^{13} + 5 \cdot 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 2 \cdot 37^{17} + 15 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 2) = 7 \cdot 37^{11} + 8 \cdot 37^{12} + 33 \cdot 37^{13} + 30 \cdot 37^{14} + 27 \cdot 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 29 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 1, 1) = 5 \cdot 37^{11} + 24 \cdot 37^{12} + 9 \cdot 37^{13} + 24 \cdot 37^{14} + 8 \cdot 37^{15} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 18 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 4) = 9 \cdot 37^{11} + 9 \cdot 37^{12} + 10 \cdot 37^{13} + 18 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 18 \cdot 37^{17} + 11 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 3, 1) = 27 \cdot 37^{11} + 26 \cdot 37^{12} + 5 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 5 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 2) = 14 \cdot 37^{11} + 16 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 28 \cdot 37^{15} + 22 \cdot 37^{16} + 16 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 1, 1) = 11 \cdot 37^{11} + 2 \cdot 37^{12} + 37^{13} + 5 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 34 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 3) = 17 \cdot 37^{11} + 34 \cdot 37^{12} + 16 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 19 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 2, 1) = 23 \cdot 37^{11} + 36 \cdot 37^{12} + 6 \cdot 37^{13} + 23 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 2) = 28 \cdot 37^{11} + 20 \cdot 37^{12} + 19 \cdot 37^{13} + 37^{14} + 3 \cdot 37^{15} + 7 \cdot 37^{16} + 26 \cdot 37^{17} + 10 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 1, 1) = 26 \cdot 37^{11} + 19 \cdot 37^{12} + 19 \cdot 37^{13} + 33 \cdot 37^{14} + 11 \cdot 37^{15} + 6 \cdot 37^{16} + 17 \cdot 37^{17} + 5 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 5) = 4 \cdot 37^{11} + 16 \cdot 37^{12} + 16 \cdot 37^{13} + 33 \cdot 37^{14} + 20 \cdot 37^{15} + 24 \cdot 37^{16} + 30 \cdot 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 4, 1) = 4 \cdot 37^{11} + 7 \cdot 37^{12} + 24 \cdot 37^{13} + 2 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 30 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 2) = 5 \cdot 37^{11} + 25 \cdot 37^{12} + 3 \cdot 37^{13} + 11 \cdot 37^{14} + 37^{15} + 4 \cdot 37^{16} + 32 \cdot 37^{17} + 25 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 1, 1) = 4 \cdot 37^{11} + 11 \cdot 37^{12} + 11 \cdot 37^{13} + 15 \cdot 37^{14} + 4 \cdot 37^{15} + 32 \cdot 37^{16} + 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 3) = 36 \cdot 37^{11} + 21 \cdot 37^{12} + 9 \cdot 37^{13} + 4 \cdot 37^{14} + 35 \cdot 37^{15} + 12 \cdot 37^{16} + 24 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 2, 1) = 17 \cdot 37^{11} + 18 \cdot 37^{12} + 19 \cdot 37^{13} + 24 \cdot 37^{14} + 13 \cdot 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 2) = 7 \cdot 37^{11} + 18 \cdot 37^{12} + 27 \cdot 37^{13} + 11 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{16} + 17 \cdot 37^{17} + 14 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 37^{11} + 30 \cdot 37^{12} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 20 \cdot 37^{17} + 31 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 4) = 23 \cdot 37^{11} + 28 \cdot 37^{12} + 16 \cdot 37^{13} + 15 \cdot 37^{14} + 21 \cdot 37^{15} + 13 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 3, 1) = 35 \cdot 37^{11} + 8 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 6 \cdot 37^{15} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 24 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 2) = 8 \cdot 37^{11} + 30 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 7 \cdot 37^{15} + 16 \cdot 37^{16} + 5 \cdot 37^{17} + 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 33 \cdot 37^{11} + 15 \cdot 37^{12} + 8 \cdot 37^{13} + 26 \cdot 37^{14} + 20 \cdot 37^{15} + 17 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 3) = 18 \cdot 37^{11} + 31 \cdot 37^{12} + 16 \cdot 37^{13} + 18 \cdot 37^{14} + 4 \cdot 37^{15} + 13 \cdot 37^{16} + 35 \cdot 37^{17} + 14 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 7 \cdot 37^{11} + 7 \cdot 37^{12} + 26 \cdot 37^{13} + 15 \cdot 37^{14} + 21 \cdot 37^{15} + 36 \cdot 37^{16} + 36 \cdot 37^{17} + 35 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 3 \cdot 37^{11} + 28 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 16 \cdot 37^{15} + 8 \cdot 37^{16} + 20 \cdot 37^{17} + 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 7) = 8 \cdot 37^{11} + 8 \cdot 37^{12} + 19 \cdot 37^{13} + 22 \cdot 37^{14} + 18 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{17} + 27 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 6, 1) = 6 \cdot 37^{11} + 11 \cdot 37^{12} + 5 \cdot 37^{13} + 27 \cdot 37^{14} + 32 \cdot 37^{15} + 35 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 5, 2) = 26 \cdot 37^{11} + 11 \cdot 37^{12} + 23 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 4 \cdot 37^{17} + 24 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 5, 1, 1) = 37^{11} + 34 \cdot 37^{12} + 12 \cdot 37^{13} + 2 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 35 \cdot 37^{17} + 8 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 3) = 23 \cdot 37^{11} + 4 \cdot 37^{12} + 3 \cdot 37^{13} + 37^{14} + 23 \cdot 37^{15} + 29 \cdot 37^{16} + 32 \cdot 37^{17} + 5 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 2, 1) = 33 \cdot 37^{11} + 10 \cdot 37^{12} + 15 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{15} + 29 \cdot 37^{16} + 32 \cdot 37^{17} + 19 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 2) = 22 \cdot 37^{11} + 8 \cdot 37^{12} + 23 \cdot 37^{13} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 27 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 1, 1) = 34 \cdot 37^{11} + 9 \cdot 37^{12} + 12 \cdot 37^{13} + 7 \cdot 37^{14} + 15 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 25 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 4) = 36 \cdot 37^{11} + 4 \cdot 37^{12} + 37^{13} + 29 \cdot 37^{14} + 18 \cdot 37^{15} + 7 \cdot 37^{16} + 12 \cdot 37^{17} + 32 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 3, 1) = 27 \cdot 37^{11} + 9 \cdot 37^{12} + 36 \cdot 37^{13} + 21 \cdot 37^{14} + 29 \cdot 37^{15} + 23 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 2) = 9 \cdot 37^{11} + 18 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 25 \cdot 37^{15} + 4 \cdot 37^{16} + 31 \cdot 37^{17} + 16 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 1, 1) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 37^{13} + 20 \cdot 37^{14} + 3 \cdot 37^{15} + 16 \cdot 37^{16} + 31 \cdot 37^{17} + 23 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 3) = 16 \cdot 37^{11} + 25 \cdot 37^{12} + 18 \cdot 37^{13} + 19 \cdot 37^{14} + 35 \cdot 37^{15} + 10 \cdot 37^{16} + 13 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 2, 1) = 15 \cdot 37^{11} + 7 \cdot 37^{12} + 18 \cdot 37^{13} + 3 \cdot 37^{14} + 23 \cdot 37^{15} + 31 \cdot 37^{16} + 22 \cdot 37^{17} + 35 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 2) = 35 \cdot 37^{11} + 34 \cdot 37^{12} + 32 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 36 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 1, 1) = 27 \cdot 37^{11} + 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 28 \cdot 37^{16} + 16 \cdot 37^{17} + 36 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 5) = 9 \cdot 37^{11} + 29 \cdot 37^{12} + 36 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 9 \cdot 37^{16} + 37^{17} + 19 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 4, 1) = 22 \cdot 37^{11} + 29 \cdot 37^{12} + 10 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 33 \cdot 37^{16} + 24 \cdot 37^{17} + 5 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 2) = 20 \cdot 37^{11} + 8 \cdot 37^{12} + 19 \cdot 37^{13} + 20 \cdot 37^{14} + 28 \cdot 37^{15} + 7 \cdot 37^{16} + 18 \cdot 37^{17} + 8 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 1, 1) = 8 \cdot 37^{11} + 10 \cdot 37^{12} + 4 \cdot 37^{13} + 30 \cdot 37^{14} + 4 \cdot 37^{15} + 12 \cdot 37^{16} + 35 \cdot 37^{17} + 34 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 3) = 15 \cdot 37^{11} + 35 \cdot 37^{12} + 26 \cdot 37^{13} + 17 \cdot 37^{14} + 19 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 23 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 2, 1) = 24 \cdot 37^{11} + 6 \cdot 37^{12} + 11 \cdot 37^{13} + 23 \cdot 37^{14} + 3 \cdot 37^{15} + 15 \cdot 37^{16} + 17 \cdot 37^{17} + 15 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 2) = 35 \cdot 37^{11} + 9 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 29 \cdot 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 36 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 1, 1) = 37^{11} + 24 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 5 \cdot 37^{15} + 20 \cdot 37^{16} + 22 \cdot 37^{17} + 12 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 4) = 29 \cdot 37^{11} + 23 \cdot 37^{12} + 4 \cdot 37^{13} + 24 \cdot 37^{14} + 34 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 3, 1) = 11 \cdot 37^{11} + 37^{12} + 15 \cdot 37^{13} + 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 2) = 26 \cdot 37^{11} + 22 \cdot 37^{12} + 30 \cdot 37^{13} + 30 \cdot 37^{14} + 34 \cdot 37^{15} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 26 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 1, 1) = 24 \cdot 37^{11} + 31 \cdot 37^{12} + 29 \cdot 37^{13} + 31 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 3) = 14 \cdot 37^{11} + 11 \cdot 37^{12} + 24 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 35 \cdot 37^{16} + 25 \cdot 37^{17} + 34 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 2, 1) = 10 \cdot 37^{11} + 2 \cdot 37^{12} + 15 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 12 \cdot 37^{16} + 31 \cdot 37^{17} + 18 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 2) = 21 \cdot 37^{11} + 24 \cdot 37^{12} + 24 \cdot 37^{13} + 33 \cdot 37^{14} + 13 \cdot 37^{15} + 3 \cdot 37^{16} + 32 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 26 \cdot 37^{11} + 10 \cdot 37^{12} + 14 \cdot 37^{13} + 10 \cdot 37^{14} + 24 \cdot 37^{15} + 4 \cdot 37^{16} + 20 \cdot 37^{17} + 5 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 6) = 8 \cdot 37^{11} + 8 \cdot 37^{12} + 19 \cdot 37^{13} + 22 \cdot 37^{14} + 18 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{17} + 27 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 5, 1) = 23 \cdot 37^{11} + 29 \cdot 37^{12} + 3 \cdot 37^{13} + 23 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 8 \cdot 37^{17} + 21 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 2) = 7 \cdot 37^{11} + 3 \cdot 37^{12} + 8 \cdot 37^{13} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 12 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 1, 1) = 5 \cdot 37^{11} + 32 \cdot 37^{12} + 29 \cdot 37^{13} + 18 \cdot 37^{14} + 9 \cdot 37^{15} + 20 \cdot 37^{16} + 34 \cdot 37^{17} + 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 3) = 17 \cdot 37^{11} + 36 \cdot 37^{12} + 10 \cdot 37^{13} + 32 \cdot 37^{14} + 18 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 15 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 2, 1) = 13 \cdot 37^{11} + 12 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{15} + 6 \cdot 37^{16} + 22 \cdot 37^{17} + 14 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 2) = 5 \cdot 37^{11} + 35 \cdot 37^{12} + 7 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 37^{16} + 4 \cdot 37^{17} + 28 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 1, 1) = 25 \cdot 37^{11} + 25 \cdot 37^{12} + 24 \cdot 37^{13} + 32 \cdot 37^{14} + 36 \cdot 37^{15} + 37^{16} + 22 \cdot 37^{17} + 10 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 4) = 24 \cdot 37^{11} + 10 \cdot 37^{12} + 37^{13} + 32 \cdot 37^{14} + 3 \cdot 37^{15} + 27 \cdot 37^{16} + 30 \cdot 37^{17} + 31 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 3, 1) = 2 \cdot 37^{11} + 32 \cdot 37^{12} + 34 \cdot 37^{13} + 34 \cdot 37^{14} + 28 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 2) = 25 \cdot 37^{11} + 12 \cdot 37^{12} + 24 \cdot 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 19 \cdot 37^{16} + 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 1, 1) = 10 \cdot 37^{11} + 8 \cdot 37^{12} + 23 \cdot 37^{13} + 11 \cdot 37^{14} + 37^{15} + 3 \cdot 37^{16} + 29 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 3) = 30 \cdot 37^{11} + 8 \cdot 37^{12} + 17 \cdot 37^{13} + 10 \cdot 37^{14} + 33 \cdot 37^{15} + 22 \cdot 37^{16} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 2, 1) = 24 \cdot 37^{11} + 37^{13} + 34 \cdot 37^{14} + 18 \cdot 37^{15} + 25 \cdot 37^{16} + 24 \cdot 37^{17} + 34 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 2) = 9 \cdot 37^{11} + 20 \cdot 37^{12} + 36 \cdot 37^{13} + 12 \cdot 37^{14} + 20 \cdot 37^{15} + 26 \cdot 37^{16} + 31 \cdot 37^{17} + 24 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 3 \cdot 37^{11} + 28 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 16 \cdot 37^{15} + 8 \cdot 37^{16} + 20 \cdot 37^{17} + 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 5) = 11 \cdot 37^{11} + 20 \cdot 37^{12} + 33 \cdot 37^{13} + 17 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 16 \cdot 37^{17} + 25 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 4, 1) = 7 \cdot 37^{11} + 16 \cdot 37^{12} + 4 \cdot 37^{13} + 13 \cdot 37^{15} + 37^{16} + 8 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 2) = 9 \cdot 37^{11} + 2 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 35 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 1, 1) = 9 \cdot 37^{11} + 14 \cdot 37^{12} + 28 \cdot 37^{13} + 10 \cdot 37^{14} + 26 \cdot 37^{15} + 35 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 3) = 14 \cdot 37^{11} + 33 \cdot 37^{12} + 28 \cdot 37^{13} + 34 \cdot 37^{14} + 4 \cdot 37^{16} + 26 \cdot 37^{17} + 22 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 2, 1) = 22 \cdot 37^{11} + 18 \cdot 37^{12} + 19 \cdot 37^{13} + 34 \cdot 37^{14} + 25 \cdot 37^{15} + 7 \cdot 37^{16} + 32 \cdot 37^{17} + 26 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned} \zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 2) = 35 \cdot 37^{11} + 22 \cdot 37^{12} + 10 \cdot 37^{13} + 21 \cdot 37^{14} + 25 \cdot 37^{15} + 16 \cdot 37^{16} + 30 \cdot 37^{17} + 10 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 1) = 30 \cdot 37^{11} + 36 \cdot 37^{12} + 34 \cdot 37^{13} + 4 \cdot 37^{14} + 22 \cdot 37^{15} + 21 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 4) = 24 \cdot 37^{11} + 16 \cdot 37^{12} + 15 \cdot 37^{13} + 13 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 3 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 1) = 32 \cdot 37^{11} + 21 \cdot 37^{12} + 13 \cdot 37^{13} + 25 \cdot 37^{14} + 8 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 2) = 7 \cdot 37^{11} + 37^{12} + 18 \cdot 37^{13} + 13 \cdot 37^{14} + 27 \cdot 37^{15} + 8 \cdot 37^{16} + 2 \cdot 37^{17} + 17 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1, 1) = 35 \cdot 37^{11} + 13 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 10 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 3) = 8 \cdot 37^{11} + 26 \cdot 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2, 1) = 21 \cdot 37^{11} + 21 \cdot 37^{12} + 27 \cdot 37^{13} + 12 \cdot 37^{14} + 20 \cdot 37^{15} + 29 \cdot 37^{16} + 14 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 2) = 9 \cdot 37^{11} + 5 \cdot 37^{12} + 23 \cdot 37^{13} + 24 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 5 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \end{aligned}$$

**12.13. weight 12 case.**

$$\begin{aligned} \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(12) = O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(11, 1) = 9 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 6 \cdot 37^{17} + 16 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(10, 2) = 2 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 34 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 31 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(10, 1, 1) = 18 \cdot 37^{12} + 33 \cdot 37^{13} + 29 \cdot 37^{14} + 23 \cdot 37^{15} + 7 \cdot 37^{16} + 5 \cdot 37^{17} + 19 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(9, 3) = 30 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 35 \cdot 37^{15} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(9, 2, 1) = 33 \cdot 37^{12} + 28 \cdot 37^{13} + 24 \cdot 37^{14} + 9 \cdot 37^{15} + 22 \cdot 37^{16} + 26 \cdot 37^{17} + 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(9, 1, 2) = 16 \cdot 37^{12} + 3 \cdot 37^{13} + 9 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(9, 1, 1, 1) = 35 \cdot 37^{12} + 20 \cdot 37^{13} + 13 \cdot 37^{14} + 32 \cdot 37^{15} + 27 \cdot 37^{16} + 12 \cdot 37^{17} + 17 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(8, 4) = 12 \cdot 37^{12} + 27 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 18 \cdot 37^{16} + 37^{17} + 33 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(8, 3, 1) = 3 \cdot 37^{12} + 31 \cdot 37^{13} + 14 \cdot 37^{14} + 33 \cdot 37^{15} + 36 \cdot 37^{16} + 20 \cdot 37^{17} + 24 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(8, 2, 2) = 30 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(8, 2, 1, 1) = 17 \cdot 37^{12} + 18 \cdot 37^{13} + 30 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 37^{17} + 8 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(8, 1, 3) = 31 \cdot 37^{12} + 23 \cdot 37^{13} + 37^{15} + 16 \cdot 37^{16} + 2 \cdot 37^{17} + 27 \cdot 37^{18} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(8, 1, 2, 1) = 36 \cdot 37^{12} + 23 \cdot 37^{13} + 13 \cdot 37^{14} + 24 \cdot 37^{15} + 4 \cdot 37^{16} + 15 \cdot 37^{17} + 6 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(8, 1, 1, 2) = 36 \cdot 37^{12} + 4 \cdot 37^{13} + 7 \cdot 37^{14} + 9 \cdot 37^{15} + 16 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(8, 1, 1, 1, 1) = 19 \cdot 37^{12} + 35 \cdot 37^{13} + 16 \cdot 37^{14} + 28 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 14 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(7, 5) = 8 \cdot 37^{12} + 27 \cdot 37^{13} + 2 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(7, 4, 1) = 34 \cdot 37^{12} + 23 \cdot 37^{13} + 21 \cdot 37^{14} + 28 \cdot 37^{15} + 21 \cdot 37^{16} + 2 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(7, 3, 2) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 32 \cdot 37^{16} + 13 \cdot 37^{17} + 23 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(7, 3, 1, 1) = 23 \cdot 37^{12} + 11 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 9 \cdot 37^{16} + 22 \cdot 37^{17} + 26 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(7, 2, 3) = 32 \cdot 37^{12} + 20 \cdot 37^{13} + 2 \cdot 37^{14} + 25 \cdot 37^{15} + 28 \cdot 37^{16} + 18 \cdot 37^{17} + 17 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\ \zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(7, 2, 2, 1) = 37^{12} + 24 \cdot 37^{13} + 31 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 26 \cdot 37^{17} + 23 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(7, 2, 1, 2) = 27 \cdot 37^{12} + 25 \cdot 37^{13} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 32 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(7, 2, 1, 1, 1) = 27 \cdot 37^{12} + 2 \cdot 37^{13} + 10 \cdot 37^{14} + 23 \cdot 37^{15} + 22 \cdot 37^{16} + 15 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(7, 1, 4) = 27 \cdot 37^{12} + 26 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 29 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(7, 1, 3, 1) = 24 \cdot 37^{12} + 36 \cdot 37^{13} + 8 \cdot 37^{14} + 23 \cdot 37^{15} + 24 \cdot 37^{16} + 4 \cdot 37^{17} + 17 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(7, 1, 2, 2) = 20 \cdot 37^{12} + 17 \cdot 37^{13} + 4 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 10 \cdot 37^{17} + 22 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(7, 1, 2, 1, 1) = 16 \cdot 37^{12} + 2 \cdot 37^{13} + 24 \cdot 37^{14} + 3 \cdot 37^{15} + 27 \cdot 37^{16} + 24 \cdot 37^{17} + 20 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(7, 1, 1, 3) = 36 \cdot 37^{12} + 27 \cdot 37^{13} + 33 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 13 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(7, 1, 1, 2, 1) = 9 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 35 \cdot 37^{15} + 10 \cdot 37^{16} + 30 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(7, 1, 1, 1, 2) = 13 \cdot 37^{12} + 8 \cdot 37^{13} + 28 \cdot 37^{14} + 23 \cdot 37^{15} + 22 \cdot 37^{16} + 35 \cdot 37^{17} + 9 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(7, 1, 1, 1, 1, 1) = 30 \cdot 37^{12} + 33 \cdot 37^{13} + 16 \cdot 37^{14} + 23 \cdot 37^{15} + 17 \cdot 37^{16} + 23 \cdot 37^{17} + 19 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(6, 6) = O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(6, 5, 1) = 15 \cdot 37^{12} + 31 \cdot 37^{13} + 15 \cdot 37^{14} + 18 \cdot 37^{15} + 37^{16} + 12 \cdot 37^{17} + 18 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(6, 4, 2) = 36 \cdot 37^{12} + 14 \cdot 37^{13} + 35 \cdot 37^{14} + 28 \cdot 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(6, 4, 1, 1) = 32 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{14} + 6 \cdot 37^{15} + 33 \cdot 37^{16} + 2 \cdot 37^{17} + 29 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(6, 3, 3) = 14 \cdot 37^{12} + 37^{13} + 25 \cdot 37^{14} + 22 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 12 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(6, 3, 2, 1) = 2 \cdot 37^{12} + 12 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 8 \cdot 37^{16} + 17 \cdot 37^{17} + 11 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(6, 3, 1, 2) = 12 \cdot 37^{12} + 33 \cdot 37^{13} + 18 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 32 \cdot 37^{17} + 3 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(6, 3, 1, 1, 1) = 27 \cdot 37^{12} + 26 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 20 \cdot 37^{17} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(6, 2, 4) = 31 \cdot 37^{12} + 16 \cdot 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 19 \cdot 37^{17} + 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(6, 2, 3, 1) = 12 \cdot 37^{12} + 36 \cdot 37^{13} + 28 \cdot 37^{15} + 29 \cdot 37^{16} + 11 \cdot 37^{17} + 23 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(6, 2, 2, 2) = 26 \cdot 37^{12} + 16 \cdot 37^{13} + 32 \cdot 37^{14} + 18 \cdot 37^{15} + 18 \cdot 37^{16} + 28 \cdot 37^{17} + 5 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(6, 2, 2, 1, 1) = 17 \cdot 37^{12} + 23 \cdot 37^{13} + 19 \cdot 37^{14} + 16 \cdot 37^{15} + 35 \cdot 37^{16} + 2 \cdot 37^{17} + 9 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(6, 2, 1, 3) = 24 \cdot 37^{12} + 9 \cdot 37^{13} + 32 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 31 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(6, 2, 1, 2, 1) = 37^{12} + 3 \cdot 37^{13} + 26 \cdot 37^{14} + 6 \cdot 37^{15} + 34 \cdot 37^{16} + 25 \cdot 37^{17} + 12 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(6, 2, 1, 1, 2) = 26 \cdot 37^{12} + 19 \cdot 37^{13} + 26 \cdot 37^{14} + 9 \cdot 37^{15} + 28 \cdot 37^{16} + 37^{17} + 3 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(6, 2, 1, 1, 1, 1) = 5 \cdot 37^{12} + 21 \cdot 37^{13} + 7 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(6, 1, 5) = 33 \cdot 37^{12} + 29 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(6, 1, 4, 1) = 29 \cdot 37^{12} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 13 \cdot 37^{15} + 10 \cdot 37^{16} + 30 \cdot 37^{17} + 18 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(6, 1, 3, 2) = 2 \cdot 37^{12} + 21 \cdot 37^{13} + 5 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 5 \cdot 37^{17} + 21 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(6, 1, 3, 1, 1) = 31 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 12 \cdot 37^{15} + 34 \cdot 37^{16} + 3 \cdot 37^{17} + 20 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(6, 1, 2, 3) = 17 \cdot 37^{12} + 37^{13} + 11 \cdot 37^{14} + 21 \cdot 37^{15} + 12 \cdot 37^{16} + 31 \cdot 37^{17} + 2 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(6, 1, 2, 2, 1) = 10 \cdot 37^{12} + 5 \cdot 37^{13} + 17 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 5 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(6, 1, 2, 1, 2) = 7 \cdot 37^{12} + 20 \cdot 37^{13} + 27 \cdot 37^{14} + 11 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 10 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(6, 1, 2, 1, 1, 1) = 5 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 19 \cdot 37^{15} + 25 \cdot 37^{16} + 15 \cdot 37^{17} + 34 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(6, 1, 1, 4) = 24 \cdot 37^{12} + 34 \cdot 37^{13} + 30 \cdot 37^{14} + 36 \cdot 37^{15} + 11 \cdot 37^{16} + 35 \cdot 37^{17} + 23 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(6, 1, 1, 3, 1) = 23 \cdot 37^{12} + 5 \cdot 37^{13} + 26 \cdot 37^{14} + 30 \cdot 37^{15} + 23 \cdot 37^{16} + 27 \cdot 37^{17} + 23 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(6, 1, 1, 2, 2) = 30 \cdot 37^{12} + 17 \cdot 37^{13} + 23 \cdot 37^{14} + 8 \cdot 37^{15} + 9 \cdot 37^{16} + 7 \cdot 37^{17} + 23 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(6, 1, 1, 2, 1, 1) = 9 \cdot 37^{12} + 18 \cdot 37^{13} + 24 \cdot 37^{14} + 12 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 18 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(6, 1, 1, 1, 3) = 31 \cdot 37^{12} + 31 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 15 \cdot 37^{16} + 19 \cdot 37^{17} + 27 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(6, 1, 1, 1, 2, 1) = 14 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 35 \cdot 37^{15} + 4 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(6, 1, 1, 1, 1, 2) = 5 \cdot 37^{12} + 14 \cdot 37^{14} + 19 \cdot 37^{15} + 26 \cdot 37^{16} + 8 \cdot 37^{17} + 26 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(6, 1, 1, 1, 1, 1, 1) = 16 \cdot 37^{12} + 10 \cdot 37^{13} + 4 \cdot 37^{14} + 21 \cdot 37^{15} + 33 \cdot 37^{16} + 21 \cdot 37^{17} + 4 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(5, 7) = 29 \cdot 37^{12} + 20 \cdot 37^{13} + 11 \cdot 37^{14} + 23 \cdot 37^{15} + 6 \cdot 37^{16} + 28 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(5, 6, 1) = 17 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 29 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(5, 5, 2) = 3 \cdot 37^{12} + 28 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 18 \cdot 37^{16} + 6 \cdot 37^{17} + 9 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(5, 5, 1, 1) = 11 \cdot 37^{12} + 26 \cdot 37^{13} + 32 \cdot 37^{14} + 4 \cdot 37^{15} + 20 \cdot 37^{16} + 3 \cdot 37^{17} + 23 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(5, 4, 3) = 37^{12} + 37^{13} + 20 \cdot 37^{14} + 28 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(5, 4, 2, 1) = 29 \cdot 37^{12} + 22 \cdot 37^{13} + 33 \cdot 37^{14} + 36 \cdot 37^{15} + 37^{16} + 12 \cdot 37^{17} + 20 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(5, 4, 1, 2) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 36 \cdot 37^{14} + 2 \cdot 37^{15} + 16 \cdot 37^{16} + 30 \cdot 37^{17} + 17 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(5, 4, 1, 1, 1) = 9 \cdot 37^{12} + 34 \cdot 37^{13} + 17 \cdot 37^{14} + 33 \cdot 37^{15} + 29 \cdot 37^{16} + 22 \cdot 37^{17} + 5 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(5, 3, 4) = 35 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{15} + 24 \cdot 37^{16} + 3 \cdot 37^{17} + 5 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(5, 3, 3, 1) = 30 \cdot 37^{12} + 3 \cdot 37^{13} + 5 \cdot 37^{14} + 11 \cdot 37^{15} + 20 \cdot 37^{16} + 29 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(5, 3, 2, 2) = 15 \cdot 37^{12} + 19 \cdot 37^{14} + 18 \cdot 37^{15} + 26 \cdot 37^{16} + 20 \cdot 37^{17} + 8 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(5, 3, 2, 1, 1) = 25 \cdot 37^{12} + 35 \cdot 37^{13} + 28 \cdot 37^{14} + 37^{15} + 17 \cdot 37^{16} + 37^{17} + 16 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(5, 3, 1, 3) = 28 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 16 \cdot 37^{16} + 35 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(5, 3, 1, 2, 1) = 30 \cdot 37^{12} + 3 \cdot 37^{13} + 28 \cdot 37^{14} + 21 \cdot 37^{15} + 24 \cdot 37^{16} + 26 \cdot 37^{17} + 29 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(5, 3, 1, 1, 2) = 20 \cdot 37^{12} + 7 \cdot 37^{13} + 16 \cdot 37^{14} + 22 \cdot 37^{15} + 18 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(5, 3, 1, 1, 1, 1) = 4 \cdot 37^{12} + 33 \cdot 37^{13} + 21 \cdot 37^{14} + 29 \cdot 37^{15} + 27 \cdot 37^{16} + 8 \cdot 37^{17} + 33 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(5, 2, 5) = 29 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{17} + 6 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(5, 2, 4, 1) = 27 \cdot 37^{12} + 33 \cdot 37^{13} + 22 \cdot 37^{14} + 2 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 5 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(5, 2, 3, 2) = 4 \cdot 37^{12} + 12 \cdot 37^{13} + 36 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 5 \cdot 37^{17} + 20 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(5, 2, 3, 1, 1) = 31 \cdot 37^{12} + 16 \cdot 37^{13} + 30 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 29 \cdot 37^{17} + 13 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(5, 2, 2, 3) = 19 \cdot 37^{12} + 17 \cdot 37^{13} + 28 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 3 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(5, 2, 2, 2, 1) = 27 \cdot 37^{12} + 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 4 \cdot 37^{16} + 20 \cdot 37^{17} + 28 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(5, 2, 2, 1, 2) = 8 \cdot 37^{12} + 24 \cdot 37^{13} + 30 \cdot 37^{14} + 16 \cdot 37^{15} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(5, 2, 2, 1, 1, 1) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 2 \cdot 37^{14} + 36 \cdot 37^{15} + 32 \cdot 37^{16} + 2 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(5, 2, 1, 4) = 17 \cdot 37^{12} + 33 \cdot 37^{13} + 14 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(5, 2, 1, 3, 1) = 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 29 \cdot 37^{16} + 32 \cdot 37^{17} + 27 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(5, 2, 1, 2, 2) = 14 \cdot 37^{12} + 33 \cdot 37^{13} + 10 \cdot 37^{14} + 34 \cdot 37^{15} + 8 \cdot 37^{16} + 5 \cdot 37^{17} + 3 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(5, 2, 1, 2, 1, 1) = 34 \cdot 37^{12} + 26 \cdot 37^{14} + 19 \cdot 37^{15} + 14 \cdot 37^{16} + 8 \cdot 37^{17} + 8 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(5, 2, 1, 1, 3) = 27 \cdot 37^{12} + 32 \cdot 37^{13} + 22 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 12 \cdot 37^{17} + 4 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(5, 2, 1, 1, 2, 1) = 13 \cdot 37^{12} + 12 \cdot 37^{13} + 10 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 19 \cdot 37^{17} + 20 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(5, 2, 1, 1, 1, 2) = 26 \cdot 37^{12} + 7 \cdot 37^{14} + 27 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 11 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(5, 2, 1, 1, 1, 1) = 33 \cdot 37^{12} + 3 \cdot 37^{13} + 10 \cdot 37^{14} + 24 \cdot 37^{15} + 25 \cdot 37^{16} + 2 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(5, 1, 6) = 4 \cdot 37^{12} + 24 \cdot 37^{13} + 6 \cdot 37^{15} + 6 \cdot 37^{16} + 10 \cdot 37^{17} + 25 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(5, 1, 5, 1) = 8 \cdot 37^{12} + 25 \cdot 37^{13} + 3 \cdot 37^{14} + 18 \cdot 37^{15} + 7 \cdot 37^{16} + 13 \cdot 37^{17} + 14 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(5, 1, 4, 2) = 13 \cdot 37^{12} + 24 \cdot 37^{13} + 6 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 29 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(5, 1, 4, 1, 1) = 23 \cdot 37^{12} + 18 \cdot 37^{13} + 20 \cdot 37^{14} + 13 \cdot 37^{15} + 28 \cdot 37^{16} + 10 \cdot 37^{17} + 32 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(5, 1, 3, 3) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 6 \cdot 37^{14} + 9 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(5, 1, 3, 2, 1) = 4 \cdot 37^{12} + 21 \cdot 37^{13} + 16 \cdot 37^{14} + 21 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 29 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(5, 1, 3, 1, 2) = 28 \cdot 37^{12} + 13 \cdot 37^{13} + 3 \cdot 37^{14} + 12 \cdot 37^{15} + 32 \cdot 37^{16} + 5 \cdot 37^{17} + 32 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(5, 1, 3, 1, 1, 1) = 18 \cdot 37^{12} + 25 \cdot 37^{13} + 14 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 33 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(5, 1, 2, 4) = 21 \cdot 37^{13} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(5, 1, 2, 3, 1) = 10 \cdot 37^{12} + 37^{13} + 10 \cdot 37^{14} + 14 \cdot 37^{15} + 18 \cdot 37^{16} + 15 \cdot 37^{17} + 19 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(5, 1, 2, 2, 2) = 25 \cdot 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 22 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(5, 1, 2, 2, 1, 1) = 33 \cdot 37^{12} + 10 \cdot 37^{13} + 36 \cdot 37^{14} + 31 \cdot 37^{15} + 12 \cdot 37^{16} + 19 \cdot 37^{17} + 25 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(5, 1, 2, 1, 3) = 25 \cdot 37^{12} + 10 \cdot 37^{13} + 5 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 25 \cdot 37^{17} + 15 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(5, 1, 2, 1, 2, 1) = 35 \cdot 37^{12} + 10 \cdot 37^{13} + 21 \cdot 37^{14} + 32 \cdot 37^{15} + 21 \cdot 37^{16} + 8 \cdot 37^{17} + 29 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(5, 1, 2, 1, 1, 2) = 37^{12} + 7 \cdot 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 27 \cdot 37^{17} + 9 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(5, 1, 2, 1, 1, 1, 1) = 12 \cdot 37^{12} + 9 \cdot 37^{13} + 11 \cdot 37^{14} + 34 \cdot 37^{15} + 35 \cdot 37^{16} + 3 \cdot 37^{17} + 21 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(5, 1, 1, 5) = 5 \cdot 37^{12} + 5 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{16} + 27 \cdot 37^{17} + 34 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(5, 1, 1, 4, 1) = 24 \cdot 37^{12} + 14 \cdot 37^{13} + 22 \cdot 37^{14} + 23 \cdot 37^{15} + 14 \cdot 37^{16} + 3 \cdot 37^{17} + 16 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(5, 1, 1, 3, 2) = 34 \cdot 37^{12} + 26 \cdot 37^{13} + 6 \cdot 37^{14} + 32 \cdot 37^{15} + 15 \cdot 37^{16} + 8 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(5, 1, 1, 3, 1, 1) = 3 \cdot 37^{12} + 12 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(5, 1, 1, 2, 3) = 32 \cdot 37^{12} + 23 \cdot 37^{13} + 36 \cdot 37^{14} + 30 \cdot 37^{15} + 33 \cdot 37^{16} + 34 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(5, 1, 1, 2, 2, 1) = 29 \cdot 37^{12} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 16 \cdot 37^{16} + 16 \cdot 37^{17} + 5 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(5, 1, 1, 2, 1, 2) = 28 \cdot 37^{12} + 32 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 10 \cdot 37^{17} + 22 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(5, 1, 1, 2, 1, 1, 1) = 36 \cdot 37^{12} + 22 \cdot 37^{13} + 36 \cdot 37^{14} + 25 \cdot 37^{15} + 16 \cdot 37^{16} + 21 \cdot 37^{17} + 30 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(5, 1, 1, 1, 4) = 26 \cdot 37^{12} + 21 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 6 \cdot 37^{16} + 36 \cdot 37^{17} + 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(5, 1, 1, 1, 3, 1) = 14 \cdot 37^{12} + 16 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 10 \cdot 37^{16} + 13 \cdot 37^{17} + 14 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(5, 1, 1, 1, 2, 2) = 3 \cdot 37^{12} + 22 \cdot 37^{13} + 34 \cdot 37^{14} + 5 \cdot 37^{15} + 7 \cdot 37^{16} + 31 \cdot 37^{17} + 7 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(5, 1, 1, 1, 2, 1, 1) = 11 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 2 \cdot 37^{15} + 32 \cdot 37^{16} + 33 \cdot 37^{17} + 27 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(5, 1, 1, 1, 3) = 7 \cdot 37^{12} + 35 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 23 \cdot 37^{16} + 13 \cdot 37^{17} + 33 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(5, 1, 1, 1, 2, 1) = 19 \cdot 37^{12} + 13 \cdot 37^{13} + 35 \cdot 37^{14} + 32 \cdot 37^{15} + 5 \cdot 37^{16} + 24 \cdot 37^{17} + 33 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(5, 1, 1, 1, 1, 2) = 13 \cdot 37^{12} + 8 \cdot 37^{13} + 28 \cdot 37^{14} + 23 \cdot 37^{15} + 22 \cdot 37^{16} + 35 \cdot 37^{17} + 9 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(5, 1, 1, 1, 1, 1, 1) = 8 \cdot 37^{12} + 19 \cdot 37^{13} + 5 \cdot 37^{14} + 17 \cdot 37^{15} + 23 \cdot 37^{16} + 32 \cdot 37^{17} + 17 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(4, 8) = 25 \cdot 37^{12} + 9 \cdot 37^{13} + 12 \cdot 37^{14} + 34 \cdot 37^{15} + 18 \cdot 37^{16} + 35 \cdot 37^{17} + 3 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(4, 7, 1) = 33 \cdot 37^{12} + 20 \cdot 37^{13} + 31 \cdot 37^{14} + 33 \cdot 37^{15} + 18 \cdot 37^{16} + 18 \cdot 37^{17} + 27 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 6, 2) = 5 \cdot 37^{12} + 37^{13} + 20 \cdot 37^{14} + 37^{15} + 11 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 6, 1, 1) = 34 \cdot 37^{12} + 27 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 12 \cdot 37^{16} + 12 \cdot 37^{17} + 32 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 5, 3) = 16 \cdot 37^{12} + 14 \cdot 37^{13} + 18 \cdot 37^{14} + 36 \cdot 37^{15} + 6 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 5, 2, 1) = 25 \cdot 37^{12} + 14 \cdot 37^{13} + 5 \cdot 37^{14} + 2 \cdot 37^{15} + 24 \cdot 37^{16} + 19 \cdot 37^{17} + 33 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 5, 1, 2) = 15 \cdot 37^{12} + 31 \cdot 37^{13} + 35 \cdot 37^{14} + 12 \cdot 37^{15} + 16 \cdot 37^{16} + 13 \cdot 37^{17} + 20 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 5, 1, 1, 1) = 7 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 8 \cdot 37^{15} + 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 4, 4) = O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 4, 3, 1) = 11 \cdot 37^{12} + 9 \cdot 37^{13} + 24 \cdot 37^{14} + 3 \cdot 37^{15} + 20 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 4, 2, 2) = 20 \cdot 37^{12} + 32 \cdot 37^{13} + 21 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 25 \cdot 37^{17} + 4 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 4, 2, 1, 1) = 19 \cdot 37^{12} + 30 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 4, 1, 3) = 8 \cdot 37^{12} + 6 \cdot 37^{13} + 22 \cdot 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 14 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 4, 1, 2, 1) = 31 \cdot 37^{12} + 3 \cdot 37^{13} + 7 \cdot 37^{14} + 37^{15} + 26 \cdot 37^{16} + 10 \cdot 37^{17} + 19 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 4, 1, 1, 2) = 11 \cdot 37^{12} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 33 \cdot 37^{16} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 4, 1, 1, 1, 1) = 37^{12} + 34 \cdot 37^{13} + 14 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 3, 5) = 2 \cdot 37^{12} + 11 \cdot 37^{13} + 37^{14} + 24 \cdot 37^{15} + 14 \cdot 37^{16} + 11 \cdot 37^{17} + 30 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 3, 4, 1) = 12 \cdot 37^{12} + 5 \cdot 37^{13} + 28 \cdot 37^{14} + 22 \cdot 37^{15} + 32 \cdot 37^{16} + 8 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 3, 3, 2) = 36 \cdot 37^{13} + 7 \cdot 37^{14} + 24 \cdot 37^{15} + 2 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 3, 3, 1, 1) = 33 \cdot 37^{12} + 6 \cdot 37^{13} + 12 \cdot 37^{14} + 35 \cdot 37^{15} + 4 \cdot 37^{16} + 33 \cdot 37^{17} + 8 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 3, 2, 3) = 9 \cdot 37^{12} + 24 \cdot 37^{14} + 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 14 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 3, 2, 2, 1) = 11 \cdot 37^{12} + 37^{13} + 11 \cdot 37^{14} + 36 \cdot 37^{15} + 17 \cdot 37^{16} + 2 \cdot 37^{17} + 18 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 3, 2, 1, 2) = 37^{12} + 13 \cdot 37^{13} + 22 \cdot 37^{14} + 10 \cdot 37^{15} + 17 \cdot 37^{16} + 37^{17} + 21 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 3, 2, 1, 1, 1) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 35 \cdot 37^{14} + 19 \cdot 37^{16} + 35 \cdot 37^{17} + 15 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 3, 1, 4) = 2 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 34 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 3, 1, 3, 1) = 14 \cdot 37^{12} + 16 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 22 \cdot 37^{16} + 4 \cdot 37^{17} + 31 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 3, 1, 2, 2) = 7 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 3, 1, 2, 1, 1) = 11 \cdot 37^{12} + 16 \cdot 37^{13} + 5 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 30 \cdot 37^{17} + 24 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 3, 1, 1, 3) = 12 \cdot 37^{12} + 29 \cdot 37^{13} + 24 \cdot 37^{14} + 29 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 3, 1, 1, 2, 1) = 32 \cdot 37^{12} + 13 \cdot 37^{13} + 7 \cdot 37^{14} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 17 \cdot 37^{17} + 22 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 3, 1, 1, 1, 2) = 37^{12} + 7 \cdot 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 27 \cdot 37^{17} + 9 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 3, 1, 1, 1, 1) = 19 \cdot 37^{12} + 28 \cdot 37^{13} + 25 \cdot 37^{14} + 36 \cdot 37^{15} + 12 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 2, 6) = 6 \cdot 37^{12} + 7 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 2, 5, 1) = 5 \cdot 37^{12} + 2 \cdot 37^{13} + 23 \cdot 37^{14} + 3 \cdot 37^{15} + 6 \cdot 37^{16} + 10 \cdot 37^{17} + 26 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 2, 4, 2) = 10 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 2, 4, 1, 1) = 11 \cdot 37^{12} + 15 \cdot 37^{13} + 2 \cdot 37^{14} + 6 \cdot 37^{15} + 32 \cdot 37^{16} + 19 \cdot 37^{17} + 20 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 2, 3, 3) = 10 \cdot 37^{12} + 6 \cdot 37^{13} + 37^{14} + 15 \cdot 37^{15} + 25 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 2, 3, 2, 1) = 20 \cdot 37^{12} + 15 \cdot 37^{13} + 25 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{17} + 35 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 2, 3, 1, 2) = 16 \cdot 37^{12} + 3 \cdot 37^{13} + 20 \cdot 37^{14} + 9 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 23 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 2, 3, 1, 1, 1) = 22 \cdot 37^{12} + 12 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 7 \cdot 37^{16} + 21 \cdot 37^{17} + 23 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 2, 2, 4) = 20 \cdot 37^{12} + 35 \cdot 37^{13} + 3 \cdot 37^{14} + 20 \cdot 37^{15} + 17 \cdot 37^{16} + 24 \cdot 37^{17} + 17 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 2, 2, 3, 1) = 6 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 22 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 2, 2, 2, 2) = 18 \cdot 37^{12} + 29 \cdot 37^{13} + 7 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 24 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 2, 2, 2, 1, 1) = 20 \cdot 37^{12} + 36 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 31 \cdot 37^{16} + 22 \cdot 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 2, 2, 1, 3) = 31 \cdot 37^{12} + 13 \cdot 37^{13} + 19 \cdot 37^{14} + 33 \cdot 37^{15} + 18 \cdot 37^{16} + 5 \cdot 37^{17} + 19 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 2, 2, 1, 2, 1) = 20 \cdot 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 10 \cdot 37^{15} + 2 \cdot 37^{16} + 27 \cdot 37^{17} + 33 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 2, 2, 1, 1, 2) = 2 \cdot 37^{12} + 35 \cdot 37^{13} + 6 \cdot 37^{14} + 32 \cdot 37^{15} + 11 \cdot 37^{16} + 20 \cdot 37^{17} + 3 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 2, 2, 1, 1, 1, 1) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 15 \cdot 37^{14} + 17 \cdot 37^{15} + 24 \cdot 37^{16} + 34 \cdot 37^{17} + 34 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 2, 1, 5) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 11 \cdot 37^{14} + 27 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 2, 1, 4, 1) = 21 \cdot 37^{12} + 6 \cdot 37^{13} + 32 \cdot 37^{14} + 7 \cdot 37^{15} + 36 \cdot 37^{16} + 22 \cdot 37^{17} + 24 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 2, 1, 3, 2) = 5 \cdot 37^{12} + 35 \cdot 37^{13} + 31 \cdot 37^{14} + 21 \cdot 37^{15} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 2, 1, 3, 1, 1) = 9 \cdot 37^{13} + 19 \cdot 37^{14} + 31 \cdot 37^{15} + 28 \cdot 37^{16} + 27 \cdot 37^{17} + 2 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 2, 1, 2, 3) = 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{16} + 12 \cdot 37^{17} + 11 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 2, 1, 2, 2, 1) = 3 \cdot 37^{12} + 21 \cdot 37^{13} + 10 \cdot 37^{14} + 7 \cdot 37^{15} + 17 \cdot 37^{16} + 9 \cdot 37^{17} + 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 2, 1, 2, 1, 2) = 6 \cdot 37^{12} + 10 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 19 \cdot 37^{17} + 36 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 2, 1, 2, 1, 1, 1) = 3 \cdot 37^{12} + 17 \cdot 37^{13} + 11 \cdot 37^{14} + 4 \cdot 37^{15} + 5 \cdot 37^{16} + 29 \cdot 37^{17} + 19 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 2, 1, 1, 4) = 5 \cdot 37^{12} + 27 \cdot 37^{13} + 31 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 22 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 2, 1, 1, 3, 1) = 16 \cdot 37^{12} + 2 \cdot 37^{14} + 26 \cdot 37^{15} + 31 \cdot 37^{16} + 5 \cdot 37^{17} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 2, 1, 1, 2, 2) = 25 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 19 \cdot 37^{15} + 27 \cdot 37^{16} + 35 \cdot 37^{17} + 28 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 2, 1, 1, 2, 1, 1) = 14 \cdot 37^{12} + 28 \cdot 37^{13} + 2 \cdot 37^{14} + 3 \cdot 37^{15} + 2 \cdot 37^{16} + 8 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 2, 1, 1, 1, 3) = 35 \cdot 37^{12} + 8 \cdot 37^{13} + 3 \cdot 37^{14} + 16 \cdot 37^{15} + 30 \cdot 37^{16} + 31 \cdot 37^{17} + 14 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 2, 1, 1, 1, 2, 1) = 13 \cdot 37^{12} + 22 \cdot 37^{13} + 6 \cdot 37^{14} + 14 \cdot 37^{15} + 26 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 2, 1, 1, 1, 1, 2) = 26 \cdot 37^{12} + 19 \cdot 37^{13} + 26 \cdot 37^{14} + 9 \cdot 37^{15} + 28 \cdot 37^{16} + 37^{17} + 3 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 2, 1, 1, 1, 1, 1, 1) = 37^{12} + 8 \cdot 37^{13} + 13 \cdot 37^{14} + 27 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 7) = 10 \cdot 37^{12} + 11 \cdot 37^{13} + 11 \cdot 37^{14} + 7 \cdot 37^{15} + 9 \cdot 37^{16} + 19 \cdot 37^{17} + 6 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 6, 1) = 8 \cdot 37^{12} + 5 \cdot 37^{13} + 18 \cdot 37^{14} + 25 \cdot 37^{15} + 14 \cdot 37^{16} + 31 \cdot 37^{17} + 35 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 5, 2) = 22 \cdot 37^{12} + 10 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 14 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 5, 1, 1) = 4 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 12 \cdot 37^{17} + 10 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 4, 3) = 3 \cdot 37^{12} + 33 \cdot 37^{13} + 5 \cdot 37^{14} + 34 \cdot 37^{15} + 33 \cdot 37^{16} + 30 \cdot 37^{17} + 11 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 4, 2, 1) = 22 \cdot 37^{12} + 26 \cdot 37^{13} + 23 \cdot 37^{14} + 17 \cdot 37^{15} + 13 \cdot 37^{16} + 31 \cdot 37^{17} + 23 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 4, 1, 2) = 34 \cdot 37^{12} + 5 \cdot 37^{13} + 36 \cdot 37^{14} + 16 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 4, 1, 1, 1) = 33 \cdot 37^{12} + 20 \cdot 37^{14} + 21 \cdot 37^{15} + 16 \cdot 37^{17} + 4 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 3, 4) = 35 \cdot 37^{12} + 15 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 33 \cdot 37^{16} + 15 \cdot 37^{17} + 31 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 3, 3, 1) = 15 \cdot 37^{12} + 16 \cdot 37^{13} + 21 \cdot 37^{14} + 18 \cdot 37^{15} + 29 \cdot 37^{16} + 25 \cdot 37^{17} + 3 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 3, 2, 2) = 20 \cdot 37^{12} + 14 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{15} + 26 \cdot 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 3, 2, 1, 1) = 13 \cdot 37^{12} + 18 \cdot 37^{13} + 8 \cdot 37^{15} + 6 \cdot 37^{16} + 14 \cdot 37^{17} + 3 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 3, 1, 3) = 18 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 13 \cdot 37^{17} + 35 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 3, 1, 2, 1) = 3 \cdot 37^{12} + 10 \cdot 37^{13} + 32 \cdot 37^{14} + 18 \cdot 37^{15} + 28 \cdot 37^{16} + 27 \cdot 37^{17} + 17 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 3, 1, 1, 2) = 9 \cdot 37^{12} + 15 \cdot 37^{13} + 12 \cdot 37^{14} + 16 \cdot 37^{15} + 9 \cdot 37^{16} + 4 \cdot 37^{17} + 33 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 3, 1, 1, 1, 1) = 13 \cdot 37^{12} + 25 \cdot 37^{13} + 3 \cdot 37^{14} + 15 \cdot 37^{15} + 28 \cdot 37^{16} + 11 \cdot 37^{17} + 26 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 2, 5) = 20 \cdot 37^{12} + 33 \cdot 37^{13} + 3 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 2, 4, 1) = 15 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 12 \cdot 37^{15} + 22 \cdot 37^{16} + 9 \cdot 37^{17} + 3 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 2, 3, 2) = 23 \cdot 37^{12} + 28 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 15 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 2, 3, 1, 1) = 36 \cdot 37^{12} + 26 \cdot 37^{13} + 24 \cdot 37^{14} + 31 \cdot 37^{15} + 16 \cdot 37^{16} + 8 \cdot 37^{17} + 19 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 2, 2, 3) = 9 \cdot 37^{12} + 16 \cdot 37^{13} + 15 \cdot 37^{14} + 5 \cdot 37^{15} + 31 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 2, 2, 2, 1) = 15 \cdot 37^{12} + 17 \cdot 37^{13} + 20 \cdot 37^{14} + 10 \cdot 37^{15} + 35 \cdot 37^{16} + 3 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 2, 2, 1, 2) = 20 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 19 \cdot 37^{15} + 10 \cdot 37^{16} + 9 \cdot 37^{17} + 29 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 2, 2, 1, 1, 1) = 10 \cdot 37^{12} + 36 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 19 \cdot 37^{16} + 32 \cdot 37^{17} + 10 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 2, 1, 4) = 34 \cdot 37^{12} + 10 \cdot 37^{13} + 33 \cdot 37^{14} + 34 \cdot 37^{15} + 33 \cdot 37^{16} + 7 \cdot 37^{17} + 6 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 2, 1, 3, 1) = 4 \cdot 37^{12} + 20 \cdot 37^{13} + 21 \cdot 37^{14} + 15 \cdot 37^{15} + 24 \cdot 37^{16} + 4 \cdot 37^{17} + 12 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 2, 1, 2, 2) = 3 \cdot 37^{12} + 15 \cdot 37^{13} + 24 \cdot 37^{14} + 8 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 17 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 2, 1, 2, 1, 1) = 30 \cdot 37^{12} + 11 \cdot 37^{13} + 26 \cdot 37^{14} + 21 \cdot 37^{15} + 29 \cdot 37^{16} + 17 \cdot 37^{17} + 4 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 2, 1, 1, 3) = 16 \cdot 37^{12} + 35 \cdot 37^{13} + 26 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 30 \cdot 37^{17} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 2, 1, 1, 2, 1) = 3 \cdot 37^{12} + 33 \cdot 37^{13} + 7 \cdot 37^{14} + 5 \cdot 37^{15} + 18 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 2, 1, 1, 1, 2) = 20 \cdot 37^{12} + 7 \cdot 37^{13} + 16 \cdot 37^{14} + 22 \cdot 37^{15} + 18 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 2, 1, 1, 1, 1, 1) = 27 \cdot 37^{12} + 14 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 19 \cdot 37^{16} + 18 \cdot 37^{17} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 6) = 13 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 5, 1) = 23 \cdot 37^{12} + 31 \cdot 37^{13} + 26 \cdot 37^{14} + 14 \cdot 37^{15} + 11 \cdot 37^{16} + 25 \cdot 37^{17} + 7 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 4, 2) = 33 \cdot 37^{12} + 13 \cdot 37^{13} + 30 \cdot 37^{14} + 12 \cdot 37^{15} + 22 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 4, 1, 1) = 25 \cdot 37^{12} + 8 \cdot 37^{13} + 7 \cdot 37^{14} + 25 \cdot 37^{15} + 13 \cdot 37^{16} + 34 \cdot 37^{17} + 30 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 3, 3) = 5 \cdot 37^{12} + 2 \cdot 37^{13} + 29 \cdot 37^{15} + 14 \cdot 37^{16} + 18 \cdot 37^{17} + 29 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 3, 2, 1) = 16 \cdot 37^{12} + 10 \cdot 37^{13} + 7 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 10 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 3, 1, 2) = 2 \cdot 37^{12} + 24 \cdot 37^{13} + 9 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 31 \cdot 37^{17} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 3, 1, 1, 1) = 10 \cdot 37^{12} + 10 \cdot 37^{13} + 19 \cdot 37^{14} + 14 \cdot 37^{15} + 35 \cdot 37^{16} + 7 \cdot 37^{17} + 23 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 2, 4) = 10 \cdot 37^{12} + 17 \cdot 37^{13} + 28 \cdot 37^{14} + 25 \cdot 37^{15} + 30 \cdot 37^{16} + 9 \cdot 37^{17} + 4 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 2, 3, 1) = 35 \cdot 37^{12} + 26 \cdot 37^{13} + 22 \cdot 37^{14} + 21 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 4 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 2, 2, 2) = 11 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{14} + 34 \cdot 37^{15} + 21 \cdot 37^{16} + 11 \cdot 37^{17} + 7 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 2, 2, 1, 1) = 35 \cdot 37^{12} + 31 \cdot 37^{13} + 35 \cdot 37^{14} + 14 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{17} + 31 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 2, 1, 3) = 11 \cdot 37^{12} + 16 \cdot 37^{13} + 3 \cdot 37^{14} + 24 \cdot 37^{15} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 22 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 2, 1, 2, 1) = 34 \cdot 37^{12} + 24 \cdot 37^{13} + 31 \cdot 37^{14} + 36 \cdot 37^{15} + 34 \cdot 37^{16} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 2, 1, 1, 2) = 11 \cdot 37^{12} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 33 \cdot 37^{16} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 2, 1, 1, 1, 1) = 16 \cdot 37^{12} + 13 \cdot 37^{13} + 8 \cdot 37^{14} + 12 \cdot 37^{15} + 30 \cdot 37^{16} + 24 \cdot 37^{17} + 9 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 5) = 19 \cdot 37^{12} + 26 \cdot 37^{13} + 31 \cdot 37^{14} + 16 \cdot 37^{15} + 32 \cdot 37^{16} + 13 \cdot 37^{17} + 22 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 4, 1) = 24 \cdot 37^{12} + 36 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 25 \cdot 37^{16} + 10 \cdot 37^{17} + 11 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 3, 2) = 36 \cdot 37^{12} + 6 \cdot 37^{13} + 18 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 34 \cdot 37^{17} + 18 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 3, 1, 1) = 8 \cdot 37^{12} + 26 \cdot 37^{13} + 8 \cdot 37^{14} + 24 \cdot 37^{15} + 26 \cdot 37^{16} + 22 \cdot 37^{17} + 9 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 2, 3) = 18 \cdot 37^{12} + 3 \cdot 37^{13} + 15 \cdot 37^{14} + 15 \cdot 37^{15} + 8 \cdot 37^{16} + 12 \cdot 37^{17} + 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 2, 2, 1) = 20 \cdot 37^{12} + 18 \cdot 37^{13} + 8 \cdot 37^{14} + 22 \cdot 37^{15} + 35 \cdot 37^{16} + 26 \cdot 37^{17} + 3 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 2, 1, 2) = 13 \cdot 37^{12} + 22 \cdot 37^{13} + 29 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 13 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 2, 1, 1, 1) = 29 \cdot 37^{12} + 22 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 11 \cdot 37^{16} + 22 \cdot 37^{17} + 3 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 4) = 33 \cdot 37^{12} + 32 \cdot 37^{13} + 30 \cdot 37^{14} + 31 \cdot 37^{15} + 31 \cdot 37^{16} + 34 \cdot 37^{17} + 3 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 3, 1) = 7 \cdot 37^{12} + 30 \cdot 37^{13} + 34 \cdot 37^{14} + 30 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 11 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 2, 2) = 18 \cdot 37^{12} + 15 \cdot 37^{13} + 21 \cdot 37^{14} + 3 \cdot 37^{15} + 16 \cdot 37^{16} + 28 \cdot 37^{17} + 19 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 2, 1, 1) = 36 \cdot 37^{12} + 8 \cdot 37^{13} + 13 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 8 \cdot 37^{17} + 35 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 3) = 18 \cdot 37^{12} + 2 \cdot 37^{13} + 13 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 28 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 2, 1) = 36 \cdot 37^{12} + 13 \cdot 37^{13} + 18 \cdot 37^{14} + 5 \cdot 37^{15} + 24 \cdot 37^{16} + 27 \cdot 37^{17} + 3 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 1, 2) = 36 \cdot 37^{12} + 4 \cdot 37^{13} + 7 \cdot 37^{14} + 9 \cdot 37^{15} + 16 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(4, 1, 1, 1, 1, 1, 1, 1, 1) = 11 \cdot 37^{12} + 28 \cdot 37^{13} + 3 \cdot 37^{14} + 34 \cdot 37^{15} + 20 \cdot 37^{16} + 26 \cdot 37^{17} + 23 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 9) = 16 \cdot 37^{12} + 13 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 25 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 8, 1) = 11 \cdot 37^{12} + 10 \cdot 37^{13} + 9 \cdot 37^{14} + 18 \cdot 37^{15} + 26 \cdot 37^{16} + 30 \cdot 37^{17} + 9 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 7, 2) = 28 \cdot 37^{12} + 28 \cdot 37^{13} + 16 \cdot 37^{14} + 37^{15} + 16 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 7, 1, 1) = 22 \cdot 37^{12} + 3 \cdot 37^{13} + 13 \cdot 37^{14} + 26 \cdot 37^{15} + 15 \cdot 37^{16} + 29 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 6, 3) = 22 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 19 \cdot 37^{15} + 20 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 6, 2, 1) = 15 \cdot 37^{12} + 22 \cdot 37^{13} + 16 \cdot 37^{14} + 22 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 6, 1, 2) = 32 \cdot 37^{12} + 22 \cdot 37^{13} + 15 \cdot 37^{14} + 35 \cdot 37^{15} + 27 \cdot 37^{16} + 26 \cdot 37^{17} + 25 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 6, 1, 1, 1) = 14 \cdot 37^{12} + 6 \cdot 37^{13} + 2 \cdot 37^{15} + 18 \cdot 37^{16} + 8 \cdot 37^{17} + 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 5, 4) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 21 \cdot 37^{16} + 18 \cdot 37^{17} + 5 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 5, 3, 1) = 3 \cdot 37^{12} + 13 \cdot 37^{13} + 27 \cdot 37^{14} + 15 \cdot 37^{15} + 18 \cdot 37^{16} + 17 \cdot 37^{17} + 29 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 5, 2, 2) = 7 \cdot 37^{12} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 5, 2, 1, 1) = 25 \cdot 37^{12} + 19 \cdot 37^{13} + 18 \cdot 37^{14} + 33 \cdot 37^{15} + 36 \cdot 37^{16} + 37^{17} + 20 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 5, 1, 3) = 22 \cdot 37^{12} + 3 \cdot 37^{13} + 6 \cdot 37^{14} + 13 \cdot 37^{15} + 23 \cdot 37^{16} + 25 \cdot 37^{17} + 6 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 5, 1, 2, 1) = 31 \cdot 37^{12} + 14 \cdot 37^{13} + 27 \cdot 37^{14} + 4 \cdot 37^{15} + 13 \cdot 37^{17} + 6 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 5, 1, 1, 2) = 13 \cdot 37^{12} + 22 \cdot 37^{13} + 29 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 13 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 5, 1, 1, 1, 1) = 31 \cdot 37^{12} + 27 \cdot 37^{13} + 19 \cdot 37^{14} + 3 \cdot 37^{15} + 35 \cdot 37^{16} + 23 \cdot 37^{17} + 10 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 4, 5) = 25 \cdot 37^{12} + 6 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 15 \cdot 37^{16} + 26 \cdot 37^{17} + 26 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 4, 4, 1) = 16 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 19 \cdot 37^{17} + 33 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 4, 3, 2) = 18 \cdot 37^{12} + 4 \cdot 37^{13} + 35 \cdot 37^{14} + 7 \cdot 37^{15} + 25 \cdot 37^{16} + 5 \cdot 37^{17} + 13 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 4, 3, 1, 1) = 15 \cdot 37^{12} + 14 \cdot 37^{13} + 13 \cdot 37^{14} + 28 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 4, 2, 3) = 2 \cdot 37^{12} + 30 \cdot 37^{13} + 6 \cdot 37^{14} + 25 \cdot 37^{15} + 29 \cdot 37^{16} + 33 \cdot 37^{17} + 23 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 4, 2, 2, 1) = 21 \cdot 37^{12} + 16 \cdot 37^{13} + 4 \cdot 37^{14} + 24 \cdot 37^{15} + 7 \cdot 37^{16} + 9 \cdot 37^{17} + 31 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 4, 2, 1, 2) = 15 \cdot 37^{12} + 25 \cdot 37^{13} + 27 \cdot 37^{14} + 30 \cdot 37^{15} + 14 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 4, 2, 1, 1, 1) = 19 \cdot 37^{12} + 36 \cdot 37^{13} + 16 \cdot 37^{14} + 20 \cdot 37^{15} + 20 \cdot 37^{16} + 6 \cdot 37^{17} + 12 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 4, 1, 4) = 34 \cdot 37^{12} + 34 \cdot 37^{13} + 23 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 4, 1, 3, 1) = 17 \cdot 37^{12} + 29 \cdot 37^{13} + 11 \cdot 37^{14} + 7 \cdot 37^{15} + 29 \cdot 37^{16} + 5 \cdot 37^{17} + 12 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 4, 1, 2, 2) = 27 \cdot 37^{12} + 16 \cdot 37^{13} + 2 \cdot 37^{14} + 2 \cdot 37^{15} + 14 \cdot 37^{16} + 7 \cdot 37^{17} + 26 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 4, 1, 2, 1, 1) = 6 \cdot 37^{12} + 11 \cdot 37^{13} + 28 \cdot 37^{14} + 37^{15} + 37^{16} + 26 \cdot 37^{17} + 26 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 4, 1, 1, 3) = 12 \cdot 37^{12} + 32 \cdot 37^{13} + 32 \cdot 37^{14} + 33 \cdot 37^{15} + 26 \cdot 37^{16} + 27 \cdot 37^{17} + 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 4, 1, 1, 2, 1) = 10 \cdot 37^{12} + 23 \cdot 37^{13} + 7 \cdot 37^{14} + 23 \cdot 37^{15} + 30 \cdot 37^{16} + 8 \cdot 37^{17} + 12 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 4, 1, 1, 1, 2) = 28 \cdot 37^{12} + 32 \cdot 37^{13} + 37^{14} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 10 \cdot 37^{17} + 22 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 4, 1, 1, 1, 1, 1) = 21 \cdot 37^{12} + 31 \cdot 37^{13} + 19 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 3, 6) = 29 \cdot 37^{12} + 3 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 31 \cdot 37^{16} + 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 3, 5, 1) = 36 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 29 \cdot 37^{15} + 6 \cdot 37^{17} + 25 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 3, 4, 2) = 23 \cdot 37^{12} + 31 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 3, 4, 1, 1) = 26 \cdot 37^{12} + 22 \cdot 37^{14} + 28 \cdot 37^{15} + 31 \cdot 37^{16} + 36 \cdot 37^{17} + 16 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 3, 3, 3) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 2 \cdot 37^{15} + 24 \cdot 37^{16} + 5 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 3, 3, 2, 1) = 24 \cdot 37^{12} + 10 \cdot 37^{13} + 15 \cdot 37^{14} + 10 \cdot 37^{15} + 27 \cdot 37^{16} + 37^{17} + 13 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 3, 3, 1, 2) = 20 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 12 \cdot 37^{15} + 21 \cdot 37^{16} + 21 \cdot 37^{17} + 9 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 3, 3, 1, 1, 1) = 37^{12} + 5 \cdot 37^{13} + 34 \cdot 37^{14} + 6 \cdot 37^{15} + 10 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 3, 2, 4) = 18 \cdot 37^{12} + 28 \cdot 37^{13} + 22 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 5 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 3, 2, 3, 1) = 2 \cdot 37^{12} + 5 \cdot 37^{13} + 22 \cdot 37^{14} + 4 \cdot 37^{15} + 18 \cdot 37^{16} + 7 \cdot 37^{17} + 12 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 3, 2, 2, 2) = 26 \cdot 37^{12} + 4 \cdot 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 2 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 3, 2, 2, 1, 1) = 2 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 13 \cdot 37^{15} + 10 \cdot 37^{16} + 27 \cdot 37^{17} + 24 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 3, 2, 1, 3) = 27 \cdot 37^{12} + 26 \cdot 37^{13} + 31 \cdot 37^{14} + 26 \cdot 37^{15} + 7 \cdot 37^{17} + 24 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 3, 2, 1, 2, 1) = 16 \cdot 37^{13} + 11 \cdot 37^{14} + 32 \cdot 37^{15} + 25 \cdot 37^{16} + 11 \cdot 37^{17} + 10 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 3, 2, 1, 1, 2) = 6 \cdot 37^{12} + 10 \cdot 37^{13} + 17 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 19 \cdot 37^{17} + 36 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 3, 2, 1, 1, 1, 1) = 27 \cdot 37^{12} + 7 \cdot 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 3, 1, 5) = 36 \cdot 37^{12} + 28 \cdot 37^{13} + 12 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 18 \cdot 37^{17} + 32 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 3, 1, 4, 1) = 29 \cdot 37^{13} + 6 \cdot 37^{14} + 6 \cdot 37^{15} + 2 \cdot 37^{16} + 13 \cdot 37^{17} + 20 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 3, 1, 3, 2) = 16 \cdot 37^{12} + 7 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 8 \cdot 37^{16} + 23 \cdot 37^{17} + 14 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 3, 1, 3, 1, 1) = 15 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 25 \cdot 37^{15} + 12 \cdot 37^{16} + 2 \cdot 37^{17} + 30 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 3, 1, 2, 3) = 22 \cdot 37^{12} + 11 \cdot 37^{13} + 24 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 3 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 3, 1, 2, 2, 1) = 9 \cdot 37^{12} + 24 \cdot 37^{13} + 13 \cdot 37^{14} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 22 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 3, 1, 2, 1, 2) = 25 \cdot 37^{12} + 30 \cdot 37^{13} + 21 \cdot 37^{14} + 20 \cdot 37^{15} + 31 \cdot 37^{16} + 31 \cdot 37^{17} + 31 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 3, 1, 2, 1, 1, 1) = 6 \cdot 37^{12} + 12 \cdot 37^{13} + 20 \cdot 37^{14} + 24 \cdot 37^{15} + 24 \cdot 37^{16} + 6 \cdot 37^{17} + 21 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 3, 1, 1, 4) = 31 \cdot 37^{12} + 5 \cdot 37^{13} + 32 \cdot 37^{15} + 18 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 3, 1, 1, 3, 1) = 30 \cdot 37^{12} + 37^{13} + 17 \cdot 37^{14} + 25 \cdot 37^{15} + 23 \cdot 37^{16} + 11 \cdot 37^{17} + 5 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 3, 1, 1, 2, 2) = 34 \cdot 37^{12} + 8 \cdot 37^{13} + 29 \cdot 37^{15} + 36 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 3, 1, 1, 2, 1, 1) = 23 \cdot 37^{12} + 24 \cdot 37^{13} + 16 \cdot 37^{14} + 26 \cdot 37^{15} + 37^{16} + 21 \cdot 37^{17} + 15 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 3, 1, 1, 1, 3) = 36 \cdot 37^{12} + 20 \cdot 37^{13} + 31 \cdot 37^{14} + 29 \cdot 37^{15} + 18 \cdot 37^{16} + 36 \cdot 37^{17} + 33 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 3, 1, 1, 1, 2, 1) = 11 \cdot 37^{12} + 6 \cdot 37^{13} + 24 \cdot 37^{14} + 29 \cdot 37^{15} + 12 \cdot 37^{16} + 9 \cdot 37^{17} + 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 3, 1, 1, 1, 1, 2) = 7 \cdot 37^{12} + 20 \cdot 37^{13} + 27 \cdot 37^{14} + 11 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{17} + 10 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 3, 1, 1, 1, 1, 1, 1) = 37^{12} + 25 \cdot 37^{13} + 18 \cdot 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 7) = 33 \cdot 37^{12} + 6 \cdot 37^{13} + 27 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 14 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 6, 1) = 34 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 13 \cdot 37^{17} + 28 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 5, 2) = 13 \cdot 37^{12} + 22 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 12 \cdot 37^{16} + 34 \cdot 37^{17} + 2 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 5, 1, 1) = 36 \cdot 37^{13} + 35 \cdot 37^{14} + 6 \cdot 37^{15} + 9 \cdot 37^{16} + 2 \cdot 37^{17} + 25 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 4, 3) = 30 \cdot 37^{12} + 36 \cdot 37^{13} + 16 \cdot 37^{14} + 15 \cdot 37^{15} + 28 \cdot 37^{16} + 11 \cdot 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 4, 2, 1) = 24 \cdot 37^{12} + 23 \cdot 37^{13} + 16 \cdot 37^{14} + 35 \cdot 37^{15} + 12 \cdot 37^{16} + 9 \cdot 37^{17} + 21 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 4, 1, 2) = 25 \cdot 37^{12} + 29 \cdot 37^{13} + 15 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 15 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 4, 1, 1, 1) = 29 \cdot 37^{12} + 27 \cdot 37^{13} + 10 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 9 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 3, 4) = 20 \cdot 37^{12} + 22 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{16} + 2 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 3, 3, 1) = 29 \cdot 37^{12} + 32 \cdot 37^{13} + 11 \cdot 37^{14} + 30 \cdot 37^{15} + 7 \cdot 37^{16} + 32 \cdot 37^{17} + 18 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 3, 2, 2) = 15 \cdot 37^{12} + 15 \cdot 37^{13} + 25 \cdot 37^{14} + 13 \cdot 37^{15} + 16 \cdot 37^{16} + 37^{17} + 18 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 3, 2, 1, 1) = 16 \cdot 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 26 \cdot 37^{17} + 27 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 3, 1, 3) = 4 \cdot 37^{12} + 15 \cdot 37^{13} + 8 \cdot 37^{14} + 12 \cdot 37^{15} + 21 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 3, 1, 2, 1) = 21 \cdot 37^{12} + 8 \cdot 37^{13} + 14 \cdot 37^{14} + 9 \cdot 37^{15} + 19 \cdot 37^{16} + 33 \cdot 37^{17} + 7 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 3, 1, 1, 2) = 20 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 19 \cdot 37^{15} + 10 \cdot 37^{16} + 9 \cdot 37^{17} + 29 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 3, 1, 1, 1, 1) = 2 \cdot 37^{12} + 4 \cdot 37^{13} + 8 \cdot 37^{14} + 8 \cdot 37^{15} + 13 \cdot 37^{16} + 35 \cdot 37^{17} + 18 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 2, 5) = 22 \cdot 37^{12} + 23 \cdot 37^{13} + 32 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 12 \cdot 37^{17} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 2, 4, 1) = 36 \cdot 37^{12} + 17 \cdot 37^{13} + 37^{14} + 34 \cdot 37^{15} + 28 \cdot 37^{16} + 13 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 2, 3, 2) = 13 \cdot 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 2, 3, 1, 1) = 18 \cdot 37^{12} + 28 \cdot 37^{13} + 7 \cdot 37^{14} + 36 \cdot 37^{15} + 7 \cdot 37^{16} + 11 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 2, 2, 3) = 16 \cdot 37^{12} + 33 \cdot 37^{13} + 34 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 21 \cdot 37^{17} + 28 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 2, 2, 2, 1) = 9 \cdot 37^{12} + 4 \cdot 37^{13} + 24 \cdot 37^{14} + 8 \cdot 37^{15} + 9 \cdot 37^{16} + 32 \cdot 37^{17} + 17 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 2, 2, 1, 2) = 15 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 4 \cdot 37^{15} + 16 \cdot 37^{16} + 28 \cdot 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 2, 2, 1, 1, 1) = 35 \cdot 37^{12} + 3 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 6 \cdot 37^{16} + 22 \cdot 37^{17} + 7 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 2, 1, 4) = 21 \cdot 37^{12} + 35 \cdot 37^{13} + 19 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 29 \cdot 37^{17} + 10 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 2, 1, 3, 1) = 14 \cdot 37^{12} + 26 \cdot 37^{13} + 24 \cdot 37^{14} + 15 \cdot 37^{15} + 24 \cdot 37^{16} + 29 \cdot 37^{17} + 35 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 2, 1, 2, 2) = 7 \cdot 37^{12} + 36 \cdot 37^{13} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 16 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 2, 1, 2, 1, 1) = 16 \cdot 37^{12} + 17 \cdot 37^{13} + 26 \cdot 37^{14} + 33 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 34 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 2, 1, 1, 3) = 24 \cdot 37^{12} + 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 12 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 2, 1, 1, 2, 1) = 2 \cdot 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 7 \cdot 37^{15} + 20 \cdot 37^{16} + 20 \cdot 37^{17} + 12 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 2, 1, 1, 1, 2) = 8 \cdot 37^{12} + 24 \cdot 37^{13} + 30 \cdot 37^{14} + 16 \cdot 37^{15} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 2, 1, 1, 1, 1, 1) = 17 \cdot 37^{12} + 6 \cdot 37^{13} + 33 \cdot 37^{14} + 19 \cdot 37^{15} + 27 \cdot 37^{16} + 3 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 6) = 20 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 24 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 6 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 5, 1) = 27 \cdot 37^{12} + 30 \cdot 37^{13} + 23 \cdot 37^{14} + 28 \cdot 37^{15} + 32 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 4, 2) = 27 \cdot 37^{12} + 21 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 17 \cdot 37^{16} + 34 \cdot 37^{17} + 15 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 4, 1, 1) = 32 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 6 \cdot 37^{15} + 2 \cdot 37^{16} + 27 \cdot 37^{17} + 8 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 3, 3) = 30 \cdot 37^{12} + 29 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 27 \cdot 37^{16} + 21 \cdot 37^{17} + 2 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 3, 2, 1) = 24 \cdot 37^{12} + 6 \cdot 37^{13} + 20 \cdot 37^{14} + 4 \cdot 37^{16} + 13 \cdot 37^{17} + 19 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 3, 1, 2) = 10 \cdot 37^{12} + 26 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 18 \cdot 37^{16} + 3 \cdot 37^{17} + 11 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 3, 1, 1, 1) = 27 \cdot 37^{12} + 23 \cdot 37^{13} + 6 \cdot 37^{14} + 3 \cdot 37^{15} + 30 \cdot 37^{16} + 28 \cdot 37^{17} + 32 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 2, 4) = 25 \cdot 37^{12} + 13 \cdot 37^{13} + 23 \cdot 37^{14} + 9 \cdot 37^{15} + 29 \cdot 37^{16} + 21 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 2, 3, 1) = 21 \cdot 37^{13} + 10 \cdot 37^{14} + 5 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 7 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 2, 2, 2) = 21 \cdot 37^{12} + 13 \cdot 37^{13} + 2 \cdot 37^{14} + 17 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 3 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 2, 2, 1, 1) = 18 \cdot 37^{12} + 4 \cdot 37^{13} + 33 \cdot 37^{14} + 19 \cdot 37^{15} + 15 \cdot 37^{17} + 19 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 2, 1, 3) = 12 \cdot 37^{12} + 19 \cdot 37^{13} + 5 \cdot 37^{14} + 3 \cdot 37^{15} + 11 \cdot 37^{16} + 3 \cdot 37^{17} + 4 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 2, 1, 2, 1) = 17 \cdot 37^{12} + 6 \cdot 37^{13} + 32 \cdot 37^{14} + 16 \cdot 37^{15} + 36 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 2, 1, 1, 2) = 37^{12} + 13 \cdot 37^{13} + 22 \cdot 37^{14} + 10 \cdot 37^{15} + 17 \cdot 37^{16} + 37^{17} + 21 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 37^{12} + 37^{13} + 31 \cdot 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 16 \cdot 37^{17} + 24 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 5) = 15 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{15} + 18 \cdot 37^{16} + 32 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 4, 1) = 32 \cdot 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 15 \cdot 37^{15} + 21 \cdot 37^{16} + 29 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 3, 2) = 12 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 13 \cdot 37^{15} + 27 \cdot 37^{16} + 32 \cdot 37^{17} + 32 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 3, 1, 1) = 15 \cdot 37^{12} + 33 \cdot 37^{13} + 13 \cdot 37^{15} + 17 \cdot 37^{16} + 11 \cdot 37^{17} + 15 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 2, 3) = 21 \cdot 37^{12} + 26 \cdot 37^{13} + 3 \cdot 37^{14} + 14 \cdot 37^{15} + 17 \cdot 37^{16} + 19 \cdot 37^{17} + 21 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 2, 2, 1) = 27 \cdot 37^{12} + 35 \cdot 37^{13} + 22 \cdot 37^{14} + 7 \cdot 37^{15} + 10 \cdot 37^{16} + 33 \cdot 37^{17} + 21 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 2, 1, 2) = 15 \cdot 37^{12} + 25 \cdot 37^{13} + 27 \cdot 37^{14} + 30 \cdot 37^{15} + 14 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 2, 1, 1, 1) = 35 \cdot 37^{12} + 16 \cdot 37^{13} + 29 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 11 \cdot 37^{17} + 32 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 4) = 14 \cdot 37^{12} + 29 \cdot 37^{13} + 9 \cdot 37^{14} + 21 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 25 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 3, 1) = 21 \cdot 37^{12} + 28 \cdot 37^{13} + 7 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 26 \cdot 37^{17} + 35 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 2, 2) = 33 \cdot 37^{12} + 19 \cdot 37^{13} + 6 \cdot 37^{14} + 7 \cdot 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 20 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 2, 1, 1) = 15 \cdot 37^{12} + 11 \cdot 37^{13} + 29 \cdot 37^{14} + 13 \cdot 37^{15} + 19 \cdot 37^{16} + 27 \cdot 37^{17} + 5 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 3) = 36 \cdot 37^{12} + 36 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 13 \cdot 37^{16} + 8 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 2, 1) = 36 \cdot 37^{12} + 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 31 \cdot 37^{16} + 22 \cdot 37^{17} + 23 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 1, 2) = 27 \cdot 37^{12} + 25 \cdot 37^{13} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 32 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 37^{12} + 4 \cdot 37^{13} + 4 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 11 \cdot 37^{17} + 15 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 8) = 35 \cdot 37^{12} + 6 \cdot 37^{13} + 31 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 3 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 7, 1) = 2 \cdot 37^{12} + 6 \cdot 37^{13} + 15 \cdot 37^{14} + 27 \cdot 37^{15} + 37^{16} + 36 \cdot 37^{17} + 16 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 6, 2) = 28 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 29 \cdot 37^{15} + 29 \cdot 37^{16} + 17 \cdot 37^{17} + 23 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 6, 1, 1) = 16 \cdot 37^{12} + 33 \cdot 37^{13} + 27 \cdot 37^{14} + 27 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 25 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 5, 3) = 3 \cdot 37^{12} + 27 \cdot 37^{13} + 13 \cdot 37^{14} + 6 \cdot 37^{15} + 30 \cdot 37^{16} + 2 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 5, 2, 1) = 28 \cdot 37^{12} + 37^{13} + 10 \cdot 37^{14} + 13 \cdot 37^{15} + 4 \cdot 37^{17} + 18 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 5, 1, 2) = 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 10 \cdot 37^{15} + 28 \cdot 37^{16} + 32 \cdot 37^{17} + 15 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 5, 1, 1, 1) = 32 \cdot 37^{12} + 32 \cdot 37^{13} + 6 \cdot 37^{14} + 30 \cdot 37^{15} + 37^{16} + 33 \cdot 37^{17} + 18 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 4, 4) = 32 \cdot 37^{12} + 19 \cdot 37^{13} + 36 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 4 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 4, 3, 1) = 4 \cdot 37^{12} + 36 \cdot 37^{13} + 3 \cdot 37^{14} + 16 \cdot 37^{15} + 26 \cdot 37^{16} + 35 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 4, 2, 2) = 27 \cdot 37^{12} + 35 \cdot 37^{13} + 28 \cdot 37^{14} + 37^{15} + 16 \cdot 37^{16} + 26 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 4, 2, 1, 1) = 7 \cdot 37^{12} + 18 \cdot 37^{13} + 17 \cdot 37^{14} + 5 \cdot 37^{15} + 20 \cdot 37^{16} + 27 \cdot 37^{17} + 17 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 4, 1, 3) = 31 \cdot 37^{12} + 13 \cdot 37^{14} + 36 \cdot 37^{15} + 23 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 4, 1, 2, 1) = 25 \cdot 37^{12} + 8 \cdot 37^{13} + 2 \cdot 37^{14} + 33 \cdot 37^{15} + 5 \cdot 37^{16} + 20 \cdot 37^{17} + 5 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 4, 1, 1, 2) = 2 \cdot 37^{12} + 24 \cdot 37^{13} + 9 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 31 \cdot 37^{17} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 4, 1, 1, 1, 1) = 13 \cdot 37^{12} + 37^{13} + 26 \cdot 37^{14} + 25 \cdot 37^{15} + 27 \cdot 37^{16} + 36 \cdot 37^{17} + 2 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 3, 5) = 7 \cdot 37^{12} + 2 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 8 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 3, 4, 1) = 20 \cdot 37^{12} + 8 \cdot 37^{13} + 9 \cdot 37^{14} + 34 \cdot 37^{15} + 9 \cdot 37^{16} + 19 \cdot 37^{17} + 6 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 3, 3, 2) = 2 \cdot 37^{12} + 20 \cdot 37^{13} + 8 \cdot 37^{14} + 33 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 18 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 3, 3, 1, 1) = 13 \cdot 37^{12} + 35 \cdot 37^{13} + 8 \cdot 37^{14} + 25 \cdot 37^{15} + 34 \cdot 37^{16} + 35 \cdot 37^{17} + 16 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 3, 2, 3) = 27 \cdot 37^{12} + 9 \cdot 37^{14} + 25 \cdot 37^{15} + 22 \cdot 37^{16} + 9 \cdot 37^{17} + 32 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 3, 2, 2, 1) = 19 \cdot 37^{12} + 19 \cdot 37^{13} + 29 \cdot 37^{14} + 36 \cdot 37^{15} + 20 \cdot 37^{16} + 29 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 3, 2, 1, 2) = 10 \cdot 37^{12} + 26 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 18 \cdot 37^{16} + 3 \cdot 37^{17} + 11 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 3, 2, 1, 1, 1) = 20 \cdot 37^{12} + 7 \cdot 37^{13} + 9 \cdot 37^{14} + 22 \cdot 37^{15} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 3, 1, 4) = 20 \cdot 37^{12} + 37^{13} + 4 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 28 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 3, 1, 3, 1) = 15 \cdot 37^{12} + 15 \cdot 37^{13} + 17 \cdot 37^{14} + 33 \cdot 37^{15} + 26 \cdot 37^{16} + 14 \cdot 37^{17} + 34 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 3, 1, 2, 2) = 31 \cdot 37^{12} + 12 \cdot 37^{13} + 34 \cdot 37^{14} + 22 \cdot 37^{15} + 33 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 3, 1, 2, 1, 1) = 13 \cdot 37^{12} + 23 \cdot 37^{13} + 20 \cdot 37^{14} + 15 \cdot 37^{15} + 2 \cdot 37^{16} + 10 \cdot 37^{17} + 17 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 3, 1, 1, 3) = 7 \cdot 37^{12} + 13 \cdot 37^{13} + 25 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 16 \cdot 37^{17} + 11 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 3, 1, 1, 2, 1) = 10 \cdot 37^{12} + 3 \cdot 37^{13} + 35 \cdot 37^{14} + 12 \cdot 37^{15} + 35 \cdot 37^{16} + 32 \cdot 37^{17} + 30 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 3, 1, 1, 1, 2) = 28 \cdot 37^{12} + 13 \cdot 37^{13} + 3 \cdot 37^{14} + 12 \cdot 37^{15} + 32 \cdot 37^{16} + 5 \cdot 37^{17} + 32 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 3, 1, 1, 1, 1, 1) = 15 \cdot 37^{12} + 23 \cdot 37^{13} + 2 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 6 \cdot 37^{17} + 20 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 6) = 34 \cdot 37^{12} + 32 \cdot 37^{13} + 27 \cdot 37^{14} + 26 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 10 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 5, 1) = 13 \cdot 37^{12} + 30 \cdot 37^{13} + 7 \cdot 37^{14} + 27 \cdot 37^{15} + 3 \cdot 37^{16} + 30 \cdot 37^{17} + 17 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 4, 2) = 37^{12} + 5 \cdot 37^{13} + 16 \cdot 37^{14} + 33 \cdot 37^{15} + 6 \cdot 37^{16} + 30 \cdot 37^{17} + 16 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 4, 1, 1) = 18 \cdot 37^{12} + 23 \cdot 37^{13} + 15 \cdot 37^{14} + 16 \cdot 37^{15} + 12 \cdot 37^{16} + 20 \cdot 37^{17} + 7 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 3, 3) = 28 \cdot 37^{12} + 8 \cdot 37^{13} + 11 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 9 \cdot 37^{17} + 27 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 3, 2, 1) = 30 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 5 \cdot 37^{15} + 23 \cdot 37^{16} + 22 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 3, 1, 2) = 37^{12} + 21 \cdot 37^{13} + 16 \cdot 37^{14} + 16 \cdot 37^{15} + 34 \cdot 37^{16} + 7 \cdot 37^{17} + 11 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 3, 1, 1, 1) = 21 \cdot 37^{12} + 15 \cdot 37^{13} + 7 \cdot 37^{15} + 20 \cdot 37^{16} + 7 \cdot 37^{17} + 10 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 2, 4) = 34 \cdot 37^{12} + 7 \cdot 37^{13} + 8 \cdot 37^{14} + 19 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 31 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 2, 3, 1) = 26 \cdot 37^{12} + 2 \cdot 37^{13} + 30 \cdot 37^{14} + 21 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 9 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 2, 2, 2) = 37^{12} + 12 \cdot 37^{13} + 14 \cdot 37^{14} + 37^{15} + 28 \cdot 37^{16} + 21 \cdot 37^{17} + 32 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 2, 2, 1, 1) = 14 \cdot 37^{12} + 23 \cdot 37^{13} + 33 \cdot 37^{14} + 11 \cdot 37^{15} + 3 \cdot 37^{16} + 36 \cdot 37^{17} + 20 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 2, 1, 3) = 33 \cdot 37^{12} + 5 \cdot 37^{13} + 2 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 22 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 2, 1, 2, 1) = 36 \cdot 37^{12} + 34 \cdot 37^{13} + 10 \cdot 37^{14} + 11 \cdot 37^{15} + 35 \cdot 37^{16} + 18 \cdot 37^{17} + 15 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 2, 1, 1, 2) = 16 \cdot 37^{12} + 3 \cdot 37^{13} + 20 \cdot 37^{14} + 9 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 23 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 2, 1, 1, 1, 1) = 21 \cdot 37^{12} + 28 \cdot 37^{13} + 28 \cdot 37^{14} + 34 \cdot 37^{15} + 6 \cdot 37^{16} + 21 \cdot 37^{17} + 31 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 5) = 33 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 16 \cdot 37^{16} + 4 \cdot 37^{17} + 13 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 4, 1) = 14 \cdot 37^{12} + 27 \cdot 37^{13} + 5 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 32 \cdot 37^{17} + 23 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 3, 2) = 24 \cdot 37^{12} + 5 \cdot 37^{13} + 33 \cdot 37^{14} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 37^{17} + 29 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 3, 1, 1) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 35 \cdot 37^{14} + 13 \cdot 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 15 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 2, 3) = 22 \cdot 37^{12} + 21 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 8 \cdot 37^{16} + 13 \cdot 37^{17} + 20 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 2, 2, 1) = 3 \cdot 37^{12} + 35 \cdot 37^{13} + 24 \cdot 37^{14} + 21 \cdot 37^{15} + 15 \cdot 37^{16} + 9 \cdot 37^{17} + 12 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 2, 1, 2) = 20 \cdot 37^{12} + 2 \cdot 37^{13} + 16 \cdot 37^{14} + 12 \cdot 37^{15} + 21 \cdot 37^{16} + 21 \cdot 37^{17} + 9 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 2, 1, 1, 1) = 26 \cdot 37^{12} + 14 \cdot 37^{13} + 2 \cdot 37^{14} + 33 \cdot 37^{15} + 17 \cdot 37^{16} + 35 \cdot 37^{17} + 35 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 4) = 26 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 10 \cdot 37^{17} + 24 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 3, 1) = 32 \cdot 37^{12} + 13 \cdot 37^{13} + 9 \cdot 37^{14} + 27 \cdot 37^{15} + 22 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 2, 2) = 14 \cdot 37^{12} + 19 \cdot 37^{13} + 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 37^{17} + 13 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 2, 1, 1) = 14 \cdot 37^{12} + 9 \cdot 37^{13} + 4 \cdot 37^{14} + 7 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 36 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 3) = 9 \cdot 37^{12} + 22 \cdot 37^{13} + 16 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 27 \cdot 37^{17} + 23 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 2, 1) = 22 \cdot 37^{12} + 31 \cdot 37^{13} + 12 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 25 \cdot 37^{17} + 28 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 1, 2) = 12 \cdot 37^{12} + 33 \cdot 37^{13} + 18 \cdot 37^{14} + 6 \cdot 37^{15} + 13 \cdot 37^{16} + 32 \cdot 37^{17} + 3 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 2, 1, 1, 1, 1, 1, 1) = 23 \cdot 37^{12} + 25 \cdot 37^{13} + 31 \cdot 37^{14} + 32 \cdot 37^{15} + 25 \cdot 37^{16} + 15 \cdot 37^{17} + 26 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 7) = 15 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 3 \cdot 37^{17} + 6 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 6, 1) = 20 \cdot 37^{12} + 10 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 6 \cdot 37^{16} + 12 \cdot 37^{17} + 34 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 5, 2) = 34 \cdot 37^{12} + 26 \cdot 37^{13} + 13 \cdot 37^{14} + 15 \cdot 37^{15} + 27 \cdot 37^{16} + 33 \cdot 37^{17} + 31 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 5, 1, 1) = 15 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 32 \cdot 37^{16} + 18 \cdot 37^{17} + 9 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 4, 3) = 22 \cdot 37^{12} + 37^{13} + 7 \cdot 37^{14} + 13 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 24 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 4, 2, 1) = 36 \cdot 37^{12} + 22 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 10 \cdot 37^{16} + 15 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 4, 1, 2) = 5 \cdot 37^{12} + 9 \cdot 37^{13} + 15 \cdot 37^{14} + 19 \cdot 37^{15} + 36 \cdot 37^{16} + 29 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 4, 1, 1, 1) = 9 \cdot 37^{12} + 7 \cdot 37^{13} + 10 \cdot 37^{14} + 12 \cdot 37^{15} + 33 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 3, 4) = 10 \cdot 37^{12} + 10 \cdot 37^{13} + 24 \cdot 37^{14} + 35 \cdot 37^{15} + 14 \cdot 37^{16} + 36 \cdot 37^{17} + 33 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 3, 3, 1) = 24 \cdot 37^{12} + 4 \cdot 37^{13} + 7 \cdot 37^{14} + 16 \cdot 37^{15} + 22 \cdot 37^{16} + 34 \cdot 37^{17} + 12 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 3, 2, 2) = 35 \cdot 37^{12} + 23 \cdot 37^{13} + 34 \cdot 37^{14} + 13 \cdot 37^{15} + 30 \cdot 37^{16} + 29 \cdot 37^{17} + 26 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 3, 2, 1, 1) = 2 \cdot 37^{12} + 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 4 \cdot 37^{16} + 25 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 3, 1, 3) = 28 \cdot 37^{12} + 2 \cdot 37^{13} + 12 \cdot 37^{14} + 7 \cdot 37^{15} + 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 3, 1, 2, 1) = 2 \cdot 37^{12} + 34 \cdot 37^{13} + 4 \cdot 37^{15} + 17 \cdot 37^{16} + 6 \cdot 37^{17} + 2 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 3, 1, 1, 2) = 34 \cdot 37^{12} + 5 \cdot 37^{13} + 36 \cdot 37^{14} + 16 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 3, 1, 1, 1, 1) = 2 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 21 \cdot 37^{15} + 27 \cdot 37^{16} + 36 \cdot 37^{17} + 13 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 5) = 21 \cdot 37^{12} + 26 \cdot 37^{13} + 14 \cdot 37^{14} + 16 \cdot 37^{15} + 10 \cdot 37^{16} + 26 \cdot 37^{17} + 26 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 4, 1) = 24 \cdot 37^{12} + 8 \cdot 37^{13} + 2 \cdot 37^{14} + 34 \cdot 37^{15} + 22 \cdot 37^{16} + 30 \cdot 37^{17} + 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 3, 2) = 14 \cdot 37^{12} + 9 \cdot 37^{13} + 13 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 3, 1, 1) = 7 \cdot 37^{12} + 16 \cdot 37^{13} + 37^{14} + 30 \cdot 37^{15} + 36 \cdot 37^{16} + 20 \cdot 37^{17} + 15 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 2, 3) = 18 \cdot 37^{12} + 13 \cdot 37^{13} + 23 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 24 \cdot 37^{17} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 2, 2, 1) = 9 \cdot 37^{12} + 9 \cdot 37^{13} + 12 \cdot 37^{15} + 14 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 2, 1, 2) = 25 \cdot 37^{12} + 29 \cdot 37^{13} + 15 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 15 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 2, 1, 1, 1) = 10 \cdot 37^{12} + 8 \cdot 37^{13} + 34 \cdot 37^{14} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 4) = 23 \cdot 37^{12} + 9 \cdot 37^{13} + 8 \cdot 37^{14} + 8 \cdot 37^{15} + 18 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 3, 1) = 18 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 7 \cdot 37^{15} + 24 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 2, 2) = 21 \cdot 37^{12} + 18 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{16} + 4 \cdot 37^{17} + 32 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 2, 1, 1) = 37^{12} + 34 \cdot 37^{13} + 4 \cdot 37^{14} + 28 \cdot 37^{15} + 10 \cdot 37^{16} + 4 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 3) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 6 \cdot 37^{17} + 2 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 2, 1) = 34 \cdot 37^{12} + 25 \cdot 37^{13} + 14 \cdot 37^{14} + 35 \cdot 37^{15} + 10 \cdot 37^{16} + 22 \cdot 37^{17} + 35 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 1, 2) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 36 \cdot 37^{14} + 2 \cdot 37^{15} + 16 \cdot 37^{16} + 30 \cdot 37^{17} + 17 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 37^{12} + 3 \cdot 37^{13} + 16 \cdot 37^{14} + 14 \cdot 37^{15} + 7 \cdot 37^{16} + 14 \cdot 37^{17} + 34 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 6) = 12 \cdot 37^{12} + 25 \cdot 37^{13} + 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 12 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 5, 1) = 7 \cdot 37^{13} + 2 \cdot 37^{14} + 20 \cdot 37^{15} + 25 \cdot 37^{16} + 37^{17} + 28 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 4, 2) = 8 \cdot 37^{12} + 22 \cdot 37^{13} + 10 \cdot 37^{15} + 5 \cdot 37^{16} + 28 \cdot 37^{17} + 33 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 4, 1, 1) = 29 \cdot 37^{12} + 34 \cdot 37^{13} + 30 \cdot 37^{14} + 29 \cdot 37^{15} + 32 \cdot 37^{16} + 35 \cdot 37^{17} + 15 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 3, 3) = 24 \cdot 37^{12} + 24 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 23 \cdot 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 3, 2, 1) = 6 \cdot 37^{12} + 20 \cdot 37^{13} + 27 \cdot 37^{14} + 34 \cdot 37^{15} + 22 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 3, 1, 2) = 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 10 \cdot 37^{15} + 28 \cdot 37^{16} + 32 \cdot 37^{17} + 15 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 3, 1, 1, 1) = 23 \cdot 37^{12} + 16 \cdot 37^{13} + 12 \cdot 37^{14} + 8 \cdot 37^{15} + 10 \cdot 37^{16} + 19 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 4) = 31 \cdot 37^{12} + 8 \cdot 37^{13} + 36 \cdot 37^{14} + 24 \cdot 37^{15} + 7 \cdot 37^{16} + 4 \cdot 37^{17} + 21 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 3, 1) = 5 \cdot 37^{12} + 27 \cdot 37^{13} + 25 \cdot 37^{14} + 13 \cdot 37^{16} + 5 \cdot 37^{17} + 27 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 2, 2) = 25 \cdot 37^{12} + 21 \cdot 37^{13} + 24 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 14 \cdot 37^{17} + 27 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 2, 1, 1) = 2 \cdot 37^{12} + 28 \cdot 37^{13} + 32 \cdot 37^{14} + 4 \cdot 37^{15} + 30 \cdot 37^{16} + 27 \cdot 37^{17} + 17 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 3) = 14 \cdot 37^{12} + 32 \cdot 37^{13} + 31 \cdot 37^{14} + 32 \cdot 37^{15} + 19 \cdot 37^{16} + 20 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 2, 1) = 3 \cdot 37^{12} + 6 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 29 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 1, 2) = 15 \cdot 37^{12} + 31 \cdot 37^{13} + 35 \cdot 37^{14} + 12 \cdot 37^{15} + 16 \cdot 37^{16} + 13 \cdot 37^{17} + 20 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 2, 1, 1, 1, 1) = 23 \cdot 37^{12} + 16 \cdot 37^{13} + 14 \cdot 37^{14} + 14 \cdot 37^{15} + 25 \cdot 37^{16} + 25 \cdot 37^{17} + 20 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 5) = 22 \cdot 37^{12} + 17 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 27 \cdot 37^{17} + 28 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 4, 1) = 33 \cdot 37^{12} + 27 \cdot 37^{13} + 26 \cdot 37^{14} + 7 \cdot 37^{15} + 13 \cdot 37^{16} + 10 \cdot 37^{17} + 24 \cdot 37^{18} + 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 3, 2) = 30 \cdot 37^{12} + 32 \cdot 37^{13} + 17 \cdot 37^{14} + 31 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + 36 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 3, 1, 1) = 34 \cdot 37^{12} + 6 \cdot 37^{14} + 19 \cdot 37^{15} + 16 \cdot 37^{16} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 3) = 8 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{14} + 23 \cdot 37^{15} + 9 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 2, 1) = 21 \cdot 37^{12} + 17 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 29 \cdot 37^{16} + 26 \cdot 37^{17} + 2 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 1, 2) = 32 \cdot 37^{12} + 22 \cdot 37^{13} + 15 \cdot 37^{14} + 35 \cdot 37^{15} + 27 \cdot 37^{16} + 26 \cdot 37^{17} + 25 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 2, 1, 1, 1) = 2 \cdot 37^{12} + 28 \cdot 37^{13} + 30 \cdot 37^{14} + 33 \cdot 37^{15} + 9 \cdot 37^{16} + 9 \cdot 37^{17} + 17 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 4) = 5 \cdot 37^{12} + 23 \cdot 37^{13} + 11 \cdot 37^{14} + 4 \cdot 37^{15} + 17 \cdot 37^{16} + 32 \cdot 37^{17} + 19 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 3, 1) = 27 \cdot 37^{12} + 20 \cdot 37^{13} + 14 \cdot 37^{15} + 21 \cdot 37^{17} + 15 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 2, 2) = 6 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 24 \cdot 37^{15} + 19 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 2, 1, 1) = 11 \cdot 37^{12} + 22 \cdot 37^{13} + 32 \cdot 37^{14} + 9 \cdot 37^{15} + 19 \cdot 37^{16} + 15 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 3) = 6 \cdot 37^{13} + 15 \cdot 37^{14} + 10 \cdot 37^{15} + 10 \cdot 37^{16} + 32 \cdot 37^{17} + 7 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 2, 1) = 2 \cdot 37^{12} + 29 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 36 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 1, 2) = 16 \cdot 37^{12} + 3 \cdot 37^{13} + 9 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(3, 1, 1, 1, 1, 1, 1, 1, 1, 1) = 19 \cdot 37^{12} + 21 \cdot 37^{13} + 27 \cdot 37^{14} + 25 \cdot 37^{15} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 10) = 35 \cdot 37^{12} + 32 \cdot 37^{13} + 14 \cdot 37^{14} + 2 \cdot 37^{15} + 4 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 9, 1) = 23 \cdot 37^{12} + 4 \cdot 37^{13} + 25 \cdot 37^{14} + 11 \cdot 37^{15} + 21 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 8, 2) = 29 \cdot 37^{13} + 21 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 8, 1, 1) = 7 \cdot 37^{12} + 12 \cdot 37^{13} + 14 \cdot 37^{14} + 3 \cdot 37^{15} + 14 \cdot 37^{16} + 9 \cdot 37^{17} + 6 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 7, 3) = 9 \cdot 37^{12} + 23 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 14 \cdot 37^{16} + 22 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 7, 2, 1) = 20 \cdot 37^{12} + 28 \cdot 37^{14} + 25 \cdot 37^{15} + 29 \cdot 37^{16} + 25 \cdot 37^{17} + 10 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 7, 1, 2) = 6 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 24 \cdot 37^{15} + 19 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 7, 1, 1, 1) = 2 \cdot 37^{12} + 30 \cdot 37^{13} + 11 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 30 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 6, 4) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 17 \cdot 37^{14} + 33 \cdot 37^{15} + 25 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 6, 3, 1) = 16 \cdot 37^{12} + 2 \cdot 37^{13} + 5 \cdot 37^{14} + 18 \cdot 37^{15} + 25 \cdot 37^{16} + 8 \cdot 37^{17} + 17 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 6, 2, 2) = 10 \cdot 37^{12} + 22 \cdot 37^{13} + 34 \cdot 37^{14} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 37^{17} + 14 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 6, 2, 1, 1) = 2 \cdot 37^{12} + 28 \cdot 37^{13} + 9 \cdot 37^{14} + 5 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 21 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 6, 1, 3) = 27 \cdot 37^{12} + 15 \cdot 37^{13} + 7 \cdot 37^{14} + 12 \cdot 37^{15} + 2 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 6, 1, 2, 1) = 36 \cdot 37^{12} + 5 \cdot 37^{13} + 9 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 3 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 6, 1, 1, 2) = 18 \cdot 37^{12} + 15 \cdot 37^{13} + 21 \cdot 37^{14} + 3 \cdot 37^{15} + 16 \cdot 37^{16} + 28 \cdot 37^{17} + 19 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 6, 1, 1, 1, 1) = 16 \cdot 37^{12} + 34 \cdot 37^{13} + 14 \cdot 37^{14} + 16 \cdot 37^{15} + 6 \cdot 37^{16} + 29 \cdot 37^{17} + 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 5, 5) = 34 \cdot 37^{12} + 5 \cdot 37^{13} + 9 \cdot 37^{14} + 12 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 27 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 5, 4, 1) = 17 \cdot 37^{12} + 28 \cdot 37^{13} + 32 \cdot 37^{14} + 30 \cdot 37^{15} + 7 \cdot 37^{16} + 22 \cdot 37^{17} + 23 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 5, 3, 2) = 7 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 26 \cdot 37^{15} + 13 \cdot 37^{16} + 3 \cdot 37^{17} + 36 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 5, 3, 1, 1) = 24 \cdot 37^{12} + 35 \cdot 37^{13} + 18 \cdot 37^{14} + 33 \cdot 37^{15} + 11 \cdot 37^{16} + 15 \cdot 37^{17} + 2 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 5, 2, 3) = 36 \cdot 37^{12} + 12 \cdot 37^{13} + 22 \cdot 37^{14} + 30 \cdot 37^{15} + 18 \cdot 37^{16} + 25 \cdot 37^{17} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 5, 2, 2, 1) = 20 \cdot 37^{12} + 20 \cdot 37^{13} + 11 \cdot 37^{14} + 23 \cdot 37^{15} + 34 \cdot 37^{16} + 30 \cdot 37^{17} + 31 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 5, 2, 1, 2) = 33 \cdot 37^{12} + 19 \cdot 37^{13} + 6 \cdot 37^{14} + 7 \cdot 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 20 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 5, 2, 1, 1, 1) = 28 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 8 \cdot 37^{15} + 3 \cdot 37^{16} + 18 \cdot 37^{17} + 11 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 5, 1, 4) = 15 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 4 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 5, 1, 3, 1) = 29 \cdot 37^{12} + 11 \cdot 37^{13} + 15 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 5, 1, 2, 2) = 11 \cdot 37^{12} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 16 \cdot 37^{16} + 19 \cdot 37^{17} + 22 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 5, 1, 2, 1, 1) = 24 \cdot 37^{12} + 37^{13} + 7 \cdot 37^{14} + 15 \cdot 37^{15} + 30 \cdot 37^{16} + 23 \cdot 37^{17} + 19 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 5, 1, 1, 3) = 21 \cdot 37^{12} + 30 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{15} + 15 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 5, 1, 1, 2, 1) = 26 \cdot 37^{12} + 19 \cdot 37^{13} + 27 \cdot 37^{14} + 16 \cdot 37^{15} + 29 \cdot 37^{16} + 34 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 5, 1, 1, 1, 2) = 3 \cdot 37^{12} + 22 \cdot 37^{13} + 34 \cdot 37^{14} + 5 \cdot 37^{15} + 7 \cdot 37^{16} + 31 \cdot 37^{17} + 7 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 5, 1, 1, 1, 1, 1) = 22 \cdot 37^{12} + 37^{13} + 37^{14} + 3 \cdot 37^{15} + 21 \cdot 37^{16} + 15 \cdot 37^{17} + 35 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 4, 6) = 37^{12} + 19 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 32 \cdot 37^{16} + 26 \cdot 37^{17} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 4, 5, 1) = 2 \cdot 37^{12} + 33 \cdot 37^{13} + 17 \cdot 37^{14} + 3 \cdot 37^{15} + 30 \cdot 37^{17} + 16 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 4, 4, 2) = 20 \cdot 37^{12} + 34 \cdot 37^{13} + 10 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 15 \cdot 37^{17} + 6 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 4, 4, 1, 1) = 28 \cdot 37^{12} + 31 \cdot 37^{13} + 7 \cdot 37^{14} + 26 \cdot 37^{15} + 19 \cdot 37^{16} + 34 \cdot 37^{17} + 26 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 4, 3, 3) = 23 \cdot 37^{12} + 4 \cdot 37^{13} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 8 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 4, 3, 2, 1) = 20 \cdot 37^{12} + 10 \cdot 37^{13} + 27 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 6 \cdot 37^{17} + 20 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 4, 3, 1, 2) = 14 \cdot 37^{12} + 19 \cdot 37^{13} + 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 37^{17} + 13 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 4, 3, 1, 1, 1) = 13 \cdot 37^{12} + 24 \cdot 37^{13} + 35 \cdot 37^{14} + 20 \cdot 37^{15} + 20 \cdot 37^{16} + 26 \cdot 37^{17} + 32 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 4, 2, 4) = 24 \cdot 37^{12} + 20 \cdot 37^{13} + 10 \cdot 37^{14} + 10 \cdot 37^{15} + 3 \cdot 37^{16} + 3 \cdot 37^{17} + 22 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 4, 2, 3, 1) = 25 \cdot 37^{12} + 26 \cdot 37^{13} + 27 \cdot 37^{14} + 23 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 36 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 4, 2, 2, 2) = 24 \cdot 37^{13} + 20 \cdot 37^{14} + 24 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 3 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 4, 2, 2, 1, 1) = 19 \cdot 37^{12} + 16 \cdot 37^{13} + 32 \cdot 37^{15} + 27 \cdot 37^{16} + 16 \cdot 37^{17} + 36 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 4, 2, 1, 3) = 21 \cdot 37^{12} + 33 \cdot 37^{13} + 9 \cdot 37^{14} + 2 \cdot 37^{15} + 20 \cdot 37^{16} + 4 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 4, 2, 1, 2, 1) = 22 \cdot 37^{12} + 8 \cdot 37^{13} + 26 \cdot 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{17} + 11 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 4, 2, 1, 1, 2) = 25 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 19 \cdot 37^{15} + 27 \cdot 37^{16} + 35 \cdot 37^{17} + 28 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 4, 2, 1, 1, 1, 1) = 35 \cdot 37^{12} + 36 \cdot 37^{13} + 21 \cdot 37^{14} + 31 \cdot 37^{15} + 30 \cdot 37^{16} + 22 \cdot 37^{17} + 3 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 4, 1, 5) = 7 \cdot 37^{12} + 17 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 10 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 4, 1, 4, 1) = 4 \cdot 37^{12} + 6 \cdot 37^{13} + 34 \cdot 37^{15} + 18 \cdot 37^{16} + 12 \cdot 37^{17} + 13 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 4, 1, 3, 2) = 21 \cdot 37^{12} + 8 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 28 \cdot 37^{16} + 28 \cdot 37^{17} + 34 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 4, 1, 3, 1, 1) = 27 \cdot 37^{12} + 17 \cdot 37^{13} + 13 \cdot 37^{14} + 35 \cdot 37^{15} + 20 \cdot 37^{16} + 14 \cdot 37^{17} + 30 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 4, 1, 2, 3) = 20 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 34 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 13 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 4, 1, 2, 2, 1) = 13 \cdot 37^{12} + 8 \cdot 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 21 \cdot 37^{16} + 25 \cdot 37^{17} + 18 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 4, 1, 2, 1, 2) = 34 \cdot 37^{12} + 8 \cdot 37^{13} + 29 \cdot 37^{15} + 36 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 4, 1, 2, 1, 1, 1) = 2 \cdot 37^{12} + 5 \cdot 37^{13} + 17 \cdot 37^{14} + 13 \cdot 37^{15} + 5 \cdot 37^{16} + 5 \cdot 37^{17} + 15 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 4, 1, 1, 4) = 29 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 36 \cdot 37^{16} + 8 \cdot 37^{17} + 22 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 4, 1, 1, 3, 1) = 32 \cdot 37^{12} + 30 \cdot 37^{13} + 18 \cdot 37^{14} + 21 \cdot 37^{15} + 17 \cdot 37^{16} + 18 \cdot 37^{17} + 23 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 4, 1, 1, 2, 2) = 24 \cdot 37^{12} + 8 \cdot 37^{13} + 27 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 31 \cdot 37^{17} + 10 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 4, 1, 1, 2, 1, 1) = 33 \cdot 37^{12} + 24 \cdot 37^{13} + 33 \cdot 37^{14} + 26 \cdot 37^{15} + 8 \cdot 37^{16} + 30 \cdot 37^{17} + 33 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 4, 1, 1, 1, 3) = 21 \cdot 37^{12} + 15 \cdot 37^{13} + 33 \cdot 37^{14} + 27 \cdot 37^{15} + 25 \cdot 37^{16} + 26 \cdot 37^{17} + 14 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 4, 1, 1, 1, 2, 1) = 12 \cdot 37^{12} + 30 \cdot 37^{13} + 31 \cdot 37^{14} + 17 \cdot 37^{15} + 16 \cdot 37^{16} + 14 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 4, 1, 1, 1, 1, 2) = 30 \cdot 37^{12} + 17 \cdot 37^{13} + 23 \cdot 37^{14} + 8 \cdot 37^{15} + 9 \cdot 37^{16} + 7 \cdot 37^{17} + 23 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 4, 1, 1, 1, 1, 1, 1) = 24 \cdot 37^{12} + 37^{13} + 21 \cdot 37^{14} + 20 \cdot 37^{15} + 20 \cdot 37^{16} + 19 \cdot 37^{17} + 29 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 7) = 5 \cdot 37^{12} + 4 \cdot 37^{13} + 18 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 8 \cdot 37^{17} + 33 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 6, 1) = 17 \cdot 37^{12} + 19 \cdot 37^{13} + 5 \cdot 37^{14} + 9 \cdot 37^{15} + 2 \cdot 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 5, 2) = 30 \cdot 37^{12} + 15 \cdot 37^{13} + 16 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 7 \cdot 37^{17} + 11 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 5, 1, 1) = 21 \cdot 37^{12} + 8 \cdot 37^{13} + 31 \cdot 37^{14} + 36 \cdot 37^{15} + 4 \cdot 37^{16} + 4 \cdot 37^{17} + 8 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 4, 3) = 13 \cdot 37^{12} + 37^{13} + 33 \cdot 37^{15} + 30 \cdot 37^{16} + 15 \cdot 37^{17} + 35 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 4, 2, 1) = 5 \cdot 37^{12} + 31 \cdot 37^{13} + 4 \cdot 37^{14} + 19 \cdot 37^{16} + 33 \cdot 37^{17} + 24 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 4, 1, 2) = 21 \cdot 37^{12} + 18 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{16} + 4 \cdot 37^{17} + 32 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 4, 1, 1, 1) = 26 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 36 \cdot 37^{15} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 3, 4) = 33 \cdot 37^{13} + 4 \cdot 37^{14} + 2 \cdot 37^{15} + 35 \cdot 37^{16} + 2 \cdot 37^{17} + 17 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 3, 3, 1) = 15 \cdot 37^{12} + 27 \cdot 37^{13} + 8 \cdot 37^{14} + 31 \cdot 37^{15} + 9 \cdot 37^{16} + 26 \cdot 37^{17} + 16 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 3, 2, 2) = 29 \cdot 37^{12} + 20 \cdot 37^{13} + 12 \cdot 37^{14} + 23 \cdot 37^{15} + 10 \cdot 37^{16} + 13 \cdot 37^{17} + 35 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 3, 2, 1, 1) = 17 \cdot 37^{12} + 3 \cdot 37^{13} + 19 \cdot 37^{14} + 32 \cdot 37^{15} + 12 \cdot 37^{16} + 17 \cdot 37^{17} + 8 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 3, 1, 3) = 4 \cdot 37^{12} + 5 \cdot 37^{13} + 13 \cdot 37^{14} + 32 \cdot 37^{15} + 11 \cdot 37^{16} + 12 \cdot 37^{17} + 28 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 3, 1, 2, 1) = 14 \cdot 37^{12} + 11 \cdot 37^{13} + 8 \cdot 37^{14} + 20 \cdot 37^{15} + 33 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 3, 1, 1, 2) = 3 \cdot 37^{12} + 15 \cdot 37^{13} + 24 \cdot 37^{14} + 8 \cdot 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 17 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 3, 1, 1, 1, 1) = 29 \cdot 37^{12} + 35 \cdot 37^{13} + 8 \cdot 37^{14} + 21 \cdot 37^{15} + 4 \cdot 37^{16} + 5 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 2, 5) = 33 \cdot 37^{12} + 35 \cdot 37^{13} + 12 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 16 \cdot 37^{17} + 22 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 2, 4, 1) = 31 \cdot 37^{12} + 8 \cdot 37^{13} + 4 \cdot 37^{14} + 10 \cdot 37^{16} + 15 \cdot 37^{17} + 8 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 2, 3, 2) = 4 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 7 \cdot 37^{16} + 31 \cdot 37^{17} + 5 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 2, 3, 1, 1) = 13 \cdot 37^{12} + 14 \cdot 37^{14} + 36 \cdot 37^{15} + 11 \cdot 37^{16} + 2 \cdot 37^{17} + 3 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 2, 2, 3) = 14 \cdot 37^{12} + 6 \cdot 37^{13} + 29 \cdot 37^{14} + 27 \cdot 37^{15} + 11 \cdot 37^{16} + 4 \cdot 37^{17} + 15 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 2, 2, 2, 1) = 10 \cdot 37^{12} + 28 \cdot 37^{13} + 13 \cdot 37^{14} + 2 \cdot 37^{15} + 7 \cdot 37^{16} + 3 \cdot 37^{17} + 23 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 2, 2, 1, 2) = 7 \cdot 37^{12} + 36 \cdot 37^{13} + 27 \cdot 37^{16} + 14 \cdot 37^{17} + 16 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 2, 2, 1, 1, 1) = 11 \cdot 37^{12} + 36 \cdot 37^{13} + 34 \cdot 37^{14} + 26 \cdot 37^{15} + 27 \cdot 37^{16} + 23 \cdot 37^{17} + 2 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 2, 1, 4) = 14 \cdot 37^{13} + 9 \cdot 37^{14} + 30 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 2, 1, 3, 1) = 19 \cdot 37^{12} + 15 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 32 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 2, 1, 2, 2) = 8 \cdot 37^{13} + 10 \cdot 37^{14} + 26 \cdot 37^{15} + 14 \cdot 37^{16} + 25 \cdot 37^{17} + 11 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 2, 1, 2, 1, 1) = 36 \cdot 37^{12} + 12 \cdot 37^{13} + 2 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 24 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 2, 1, 1, 3) = 4 \cdot 37^{12} + 25 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 20 \cdot 37^{16} + 34 \cdot 37^{17} + 16 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 2, 1, 1, 2, 1) = 11 \cdot 37^{12} + 32 \cdot 37^{13} + 14 \cdot 37^{14} + 9 \cdot 37^{15} + 35 \cdot 37^{16} + 18 \cdot 37^{17} + 20 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 2, 1, 1, 1, 2) = 14 \cdot 37^{12} + 33 \cdot 37^{13} + 10 \cdot 37^{14} + 34 \cdot 37^{15} + 8 \cdot 37^{16} + 5 \cdot 37^{17} + 3 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 2, 1, 1, 1, 1, 1) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 13 \cdot 37^{14} + 15 \cdot 37^{15} + 29 \cdot 37^{16} + 24 \cdot 37^{17} + 35 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 6) = 35 \cdot 37^{12} + 12 \cdot 37^{13} + 4 \cdot 37^{14} + 36 \cdot 37^{15} + 27 \cdot 37^{16} + 11 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 5, 1) = 30 \cdot 37^{12} + 18 \cdot 37^{13} + 32 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 19 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 4, 2) = 7 \cdot 37^{12} + 28 \cdot 37^{13} + 36 \cdot 37^{14} + 8 \cdot 37^{15} + 21 \cdot 37^{16} + 10 \cdot 37^{17} + 2 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 4, 1, 1) = 37^{12} + 14 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 30 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 3, 3) = 11 \cdot 37^{12} + 35 \cdot 37^{13} + 36 \cdot 37^{14} + 10 \cdot 37^{15} + 35 \cdot 37^{16} + 30 \cdot 37^{17} + 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 3, 2, 1) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 35 \cdot 37^{14} + 8 \cdot 37^{15} + 4 \cdot 37^{16} + 31 \cdot 37^{17} + 28 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 3, 1, 2) = 31 \cdot 37^{12} + 12 \cdot 37^{13} + 34 \cdot 37^{14} + 22 \cdot 37^{15} + 33 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 3, 1, 1, 1) = 17 \cdot 37^{12} + 7 \cdot 37^{13} + 2 \cdot 37^{14} + 33 \cdot 37^{15} + 12 \cdot 37^{16} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 2, 4) = 7 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 26 \cdot 37^{15} + 33 \cdot 37^{16} + 19 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 2, 3, 1) = 8 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 18 \cdot 37^{15} + 26 \cdot 37^{16} + 33 \cdot 37^{17} + 9 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 2, 2, 2) = 10 \cdot 37^{12} + 28 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 34 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 2, 2, 1, 1) = 28 \cdot 37^{12} + 37^{13} + 3 \cdot 37^{14} + 27 \cdot 37^{15} + 37^{16} + 8 \cdot 37^{17} + 30 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 2, 1, 3) = 28 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 23 \cdot 37^{16} + 37^{17} + 7 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 2, 1, 2, 1) = 18 \cdot 37^{12} + 18 \cdot 37^{13} + 33 \cdot 37^{14} + 2 \cdot 37^{15} + 8 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 2, 1, 1, 2) = 7 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 2, 1, 1, 1, 1) = 2 \cdot 37^{12} + 28 \cdot 37^{13} + 21 \cdot 37^{14} + 25 \cdot 37^{15} + 14 \cdot 37^{16} + 33 \cdot 37^{17} + 21 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 5) = 34 \cdot 37^{12} + 29 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 26 \cdot 37^{16} + 5 \cdot 37^{17} + 36 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 4, 1) = 25 \cdot 37^{12} + 2 \cdot 37^{13} + 10 \cdot 37^{14} + 28 \cdot 37^{15} + 8 \cdot 37^{16} + 15 \cdot 37^{17} + 5 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 3, 2) = 6 \cdot 37^{12} + 12 \cdot 37^{13} + 7 \cdot 37^{14} + 18 \cdot 37^{15} + 4 \cdot 37^{16} + 10 \cdot 37^{17} + 4 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 3, 1, 1) = 14 \cdot 37^{12} + 18 \cdot 37^{13} + 31 \cdot 37^{14} + 18 \cdot 37^{15} + 31 \cdot 37^{16} + 27 \cdot 37^{17} + 11 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 2, 3) = 5 \cdot 37^{12} + 36 \cdot 37^{13} + 15 \cdot 37^{14} + 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 5 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 2, 2, 1) = 5 \cdot 37^{12} + 4 \cdot 37^{13} + 8 \cdot 37^{14} + 28 \cdot 37^{15} + 6 \cdot 37^{17} + 16 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 2, 1, 2) = 27 \cdot 37^{12} + 16 \cdot 37^{13} + 2 \cdot 37^{14} + 2 \cdot 37^{15} + 14 \cdot 37^{16} + 7 \cdot 37^{17} + 26 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 2, 1, 1, 1) = 29 \cdot 37^{12} + 4 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 17 \cdot 37^{16} + 19 \cdot 37^{17} + 14 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 4) = 21 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 30 \cdot 37^{16} + 18 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 3, 1) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 23 \cdot 37^{14} + 18 \cdot 37^{15} + 37^{16} + 36 \cdot 37^{17} + 25 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 2, 2) = 11 \cdot 37^{12} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 16 \cdot 37^{16} + 19 \cdot 37^{17} + 22 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 2, 1, 1) = 36 \cdot 37^{12} + 34 \cdot 37^{13} + 17 \cdot 37^{14} + 22 \cdot 37^{15} + 9 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 3) = 6 \cdot 37^{12} + 30 \cdot 37^{13} + 2 \cdot 37^{14} + 30 \cdot 37^{15} + 36 \cdot 37^{16} + 3 \cdot 37^{17} + 35 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 2, 1) = 37^{12} + 18 \cdot 37^{13} + 18 \cdot 37^{14} + 18 \cdot 37^{15} + 8 \cdot 37^{16} + 16 \cdot 37^{17} + 34 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 1, 2) = 20 \cdot 37^{12} + 17 \cdot 37^{13} + 4 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 10 \cdot 37^{17} + 22 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 3, 1, 1, 1, 1, 1, 1, 1) = 23 \cdot 37^{12} + 21 \cdot 37^{13} + 10 \cdot 37^{14} + 13 \cdot 37^{15} + 14 \cdot 37^{16} + 4 \cdot 37^{17} + 28 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 8) = 7 \cdot 37^{12} + 37^{13} + 31 \cdot 37^{14} + 11 \cdot 37^{15} + 25 \cdot 37^{16} + 34 \cdot 37^{17} + 6 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 7, 1) = 10 \cdot 37^{12} + 28 \cdot 37^{13} + 14 \cdot 37^{14} + 6 \cdot 37^{15} + 22 \cdot 37^{16} + 3 \cdot 37^{17} + 8 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 6, 2) = 27 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 7 \cdot 37^{15} + 4 \cdot 37^{16} + 15 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 6, 1, 1) = 4 \cdot 37^{12} + 20 \cdot 37^{13} + 17 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 10 \cdot 37^{17} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 5, 3) = 23 \cdot 37^{12} + 24 \cdot 37^{13} + 35 \cdot 37^{14} + 3 \cdot 37^{16} + 27 \cdot 37^{17} + 9 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 5, 2, 1) = 7 \cdot 37^{12} + 15 \cdot 37^{13} + 33 \cdot 37^{14} + 20 \cdot 37^{15} + 26 \cdot 37^{16} + 13 \cdot 37^{17} + 16 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 5, 1, 2) = 25 \cdot 37^{12} + 21 \cdot 37^{13} + 24 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 14 \cdot 37^{17} + 27 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 5, 1, 1, 1) = 29 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{14} + 20 \cdot 37^{15} + 2 \cdot 37^{16} + 8 \cdot 37^{17} + 27 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 4, 4) = 17 \cdot 37^{12} + 29 \cdot 37^{13} + 25 \cdot 37^{14} + 31 \cdot 37^{15} + 22 \cdot 37^{16} + 24 \cdot 37^{17} + 5 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 4, 3, 1) = 21 \cdot 37^{13} + 5 \cdot 37^{14} + 24 \cdot 37^{15} + 19 \cdot 37^{16} + 27 \cdot 37^{17} + 21 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 4, 2, 2) = 20 \cdot 37^{13} + 22 \cdot 37^{14} + 6 \cdot 37^{15} + 35 \cdot 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 4, 2, 1, 1) = 21 \cdot 37^{12} + 5 \cdot 37^{13} + 9 \cdot 37^{14} + 20 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 15 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 4, 1, 3) = 29 \cdot 37^{12} + 4 \cdot 37^{13} + 9 \cdot 37^{14} + 12 \cdot 37^{15} + 28 \cdot 37^{16} + 24 \cdot 37^{17} + 34 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 4, 1, 2, 1) = 33 \cdot 37^{12} + 35 \cdot 37^{13} + 33 \cdot 37^{14} + 26 \cdot 37^{15} + 30 \cdot 37^{16} + 33 \cdot 37^{17} + 15 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 4, 1, 1, 2) = 11 \cdot 37^{12} + 22 \cdot 37^{13} + 9 \cdot 37^{14} + 34 \cdot 37^{15} + 21 \cdot 37^{16} + 11 \cdot 37^{17} + 7 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 4, 1, 1, 1, 1) = 12 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 13 \cdot 37^{16} + 15 \cdot 37^{17} + 32 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 3, 5) = 22 \cdot 37^{12} + 8 \cdot 37^{14} + 24 \cdot 37^{15} + 20 \cdot 37^{16} + 23 \cdot 37^{17} + 11 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 3, 4, 1) = 16 \cdot 37^{12} + 17 \cdot 37^{13} + 34 \cdot 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 24 \cdot 37^{17} + 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 3, 3, 2) = 8 \cdot 37^{12} + 6 \cdot 37^{13} + 8 \cdot 37^{14} + 32 \cdot 37^{15} + 24 \cdot 37^{16} + 11 \cdot 37^{17} + 30 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 3, 3, 1, 1) = 2 \cdot 37^{12} + 17 \cdot 37^{13} + 17 \cdot 37^{14} + 14 \cdot 37^{15} + 31 \cdot 37^{16} + 35 \cdot 37^{17} + 18 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 3, 2, 3) = 33 \cdot 37^{12} + 21 \cdot 37^{13} + 12 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 10 \cdot 37^{17} + 19 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 3, 2, 2, 1) = 15 \cdot 37^{12} + 16 \cdot 37^{13} + 22 \cdot 37^{14} + 26 \cdot 37^{15} + 21 \cdot 37^{16} + 18 \cdot 37^{17} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 3, 2, 1, 2) = 21 \cdot 37^{12} + 13 \cdot 37^{13} + 2 \cdot 37^{14} + 17 \cdot 37^{15} + 22 \cdot 37^{16} + 7 \cdot 37^{17} + 3 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 3, 2, 1, 1, 1) = 18 \cdot 37^{12} + 36 \cdot 37^{13} + 22 \cdot 37^{14} + 8 \cdot 37^{15} + 35 \cdot 37^{16} + 24 \cdot 37^{17} + 16 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 3, 1, 4) = 4 \cdot 37^{12} + 28 \cdot 37^{13} + 37^{14} + 12 \cdot 37^{15} + 11 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 3, 1, 3, 1) = 24 \cdot 37^{12} + 22 \cdot 37^{13} + 36 \cdot 37^{14} + 22 \cdot 37^{15} + 7 \cdot 37^{16} + 23 \cdot 37^{17} + 2 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 3, 1, 2, 2) = 10 \cdot 37^{12} + 28 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 34 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 3, 1, 2, 1, 1) = 8 \cdot 37^{12} + 3 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 4 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 3, 1, 1, 3) = 30 \cdot 37^{12} + 22 \cdot 37^{13} + 15 \cdot 37^{14} + 2 \cdot 37^{15} + 6 \cdot 37^{16} + 19 \cdot 37^{17} + 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 3, 1, 1, 2, 1) = 18 \cdot 37^{13} + 6 \cdot 37^{14} + 36 \cdot 37^{15} + 31 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 3, 1, 1, 1, 2) = 25 \cdot 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{16} + 19 \cdot 37^{17} + 22 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 3, 1, 1, 1, 1) = 26 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 12 \cdot 37^{15} + 29 \cdot 37^{16} + 4 \cdot 37^{17} + 6 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 6) = 11 \cdot 37^{12} + 24 \cdot 37^{13} + 15 \cdot 37^{14} + 5 \cdot 37^{15} + 29 \cdot 37^{17} + 34 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 5, 1) = 13 \cdot 37^{12} + 32 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 13 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 4, 2) = 25 \cdot 37^{13} + 24 \cdot 37^{14} + 13 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 27 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 4, 1, 1) = 16 \cdot 37^{12} + 9 \cdot 37^{13} + 5 \cdot 37^{14} + 23 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 3, 3) = 22 \cdot 37^{12} + 15 \cdot 37^{13} + 16 \cdot 37^{14} + 28 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 3 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 3, 2, 1) = 25 \cdot 37^{12} + 31 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 16 \cdot 37^{16} + 8 \cdot 37^{17} + 29 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 3, 1, 2) = 37^{12} + 12 \cdot 37^{13} + 14 \cdot 37^{14} + 37^{15} + 28 \cdot 37^{16} + 21 \cdot 37^{17} + 32 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 3, 1, 1, 1) = 17 \cdot 37^{12} + 12 \cdot 37^{13} + 13 \cdot 37^{14} + 18 \cdot 37^{16} + 4 \cdot 37^{17} + 19 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 2, 4) = 19 \cdot 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 36 \cdot 37^{17} + 9 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 2, 3, 1) = 14 \cdot 37^{12} + 5 \cdot 37^{13} + 2 \cdot 37^{14} + 31 \cdot 37^{15} + 29 \cdot 37^{16} + 37^{17} + 31 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 2, 2, 2) = O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 2, 2, 1, 1) = 37^{12} + 25 \cdot 37^{13} + 34 \cdot 37^{14} + 37^{15} + 27 \cdot 37^{16} + 9 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 2, 1, 3) = 7 \cdot 37^{12} + 19 \cdot 37^{13} + 26 \cdot 37^{14} + 27 \cdot 37^{15} + 12 \cdot 37^{16} + 22 \cdot 37^{17} + 26 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 2, 1, 2, 1) = 28 \cdot 37^{12} + 11 \cdot 37^{13} + 16 \cdot 37^{14} + 5 \cdot 37^{15} + 33 \cdot 37^{16} + 7 \cdot 37^{17} + 30 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 2, 1, 1, 2) = 18 \cdot 37^{12} + 29 \cdot 37^{13} + 7 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 24 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 2, 1, 1, 1, 1) = 37^{12} + 32 \cdot 37^{13} + 6 \cdot 37^{14} + 21 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 33 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 5) = 2 \cdot 37^{12} + 16 \cdot 37^{13} + 28 \cdot 37^{14} + 32 \cdot 37^{16} + 24 \cdot 37^{17} + 28 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 4, 1) = 35 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 12 \cdot 37^{15} + 6 \cdot 37^{16} + 29 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 3, 2) = 12 \cdot 37^{12} + 29 \cdot 37^{13} + 4 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 17 \cdot 37^{17} + 6 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 3, 1, 1) = 37^{12} + 11 \cdot 37^{13} + 14 \cdot 37^{14} + 25 \cdot 37^{15} + 16 \cdot 37^{16} + 2 \cdot 37^{17} + 9 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 2, 3) = 3 \cdot 37^{12} + 32 \cdot 37^{13} + 27 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{16} + 19 \cdot 37^{17} + 30 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 2, 2, 1) = 10 \cdot 37^{12} + 4 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 11 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 2, 1, 2) = 26 \cdot 37^{12} + 4 \cdot 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 2 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 2, 1, 1, 1) = 6 \cdot 37^{12} + 13 \cdot 37^{13} + 36 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 26 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 4) = 36 \cdot 37^{12} + 7 \cdot 37^{13} + 29 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 22 \cdot 37^{17} + 34 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 3, 1) = 31 \cdot 37^{12} + 27 \cdot 37^{13} + 10 \cdot 37^{14} + 28 \cdot 37^{15} + 32 \cdot 37^{16} + 15 \cdot 37^{17} + 8 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 2, 2) = 24 \cdot 37^{13} + 20 \cdot 37^{14} + 24 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 3 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 2, 1, 1) = 13 \cdot 37^{12} + 27 \cdot 37^{13} + 21 \cdot 37^{14} + 32 \cdot 37^{15} + 18 \cdot 37^{16} + 12 \cdot 37^{17} + 21 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 3) = 10 \cdot 37^{12} + 25 \cdot 37^{14} + 24 \cdot 37^{15} + 21 \cdot 37^{16} + 20 \cdot 37^{17} + 4 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 2, 1) = 16 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 17 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 2) = 26 \cdot 37^{12} + 16 \cdot 37^{13} + 32 \cdot 37^{14} + 18 \cdot 37^{15} + 18 \cdot 37^{16} + 28 \cdot 37^{17} + 5 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 2, 1, 1, 1, 1, 1) = 14 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 24 \cdot 37^{15} + 24 \cdot 37^{16} + 13 \cdot 37^{17} + 31 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 7) = 17 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 21 \cdot 37^{16} + 36 \cdot 37^{17} + 16 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 6, 1) = 20 \cdot 37^{12} + 28 \cdot 37^{13} + 32 \cdot 37^{14} + 26 \cdot 37^{15} + 21 \cdot 37^{16} + 35 \cdot 37^{17} + 35 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 5, 2) = 16 \cdot 37^{12} + 16 \cdot 37^{13} + 2 \cdot 37^{14} + 11 \cdot 37^{15} + 30 \cdot 37^{16} + 31 \cdot 37^{17} + 24 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 5, 1, 1) = 32 \cdot 37^{12} + 11 \cdot 37^{13} + 22 \cdot 37^{14} + 33 \cdot 37^{15} + 16 \cdot 37^{16} + 23 \cdot 37^{17} + 31 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 4, 3) = 6 \cdot 37^{12} + 4 \cdot 37^{13} + 34 \cdot 37^{14} + 37^{15} + 12 \cdot 37^{16} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 4, 2, 1) = 26 \cdot 37^{12} + 21 \cdot 37^{13} + 37^{14} + 8 \cdot 37^{15} + 34 \cdot 37^{16} + 9 \cdot 37^{17} + 19 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 4, 1, 2) = 35 \cdot 37^{12} + 23 \cdot 37^{13} + 34 \cdot 37^{14} + 13 \cdot 37^{15} + 30 \cdot 37^{16} + 29 \cdot 37^{17} + 26 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 4, 1, 1, 1) = 26 \cdot 37^{12} + 15 \cdot 37^{13} + 33 \cdot 37^{14} + 2 \cdot 37^{15} + 24 \cdot 37^{16} + 3 \cdot 37^{17} + 10 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 3, 4) = 7 \cdot 37^{12} + 33 \cdot 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 35 \cdot 37^{17} + 26 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 3, 3, 1) = 34 \cdot 37^{12} + 21 \cdot 37^{13} + 37^{14} + 14 \cdot 37^{15} + 16 \cdot 37^{17} + 12 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 3, 2, 2) = 13 \cdot 37^{12} + 19 \cdot 37^{13} + 13 \cdot 37^{14} + 36 \cdot 37^{15} + 34 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 3, 2, 1, 1) = 33 \cdot 37^{12} + 18 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 14 \cdot 37^{16} + 18 \cdot 37^{17} + 6 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 3, 1, 3) = 37^{12} + 29 \cdot 37^{13} + 18 \cdot 37^{14} + 19 \cdot 37^{15} + 6 \cdot 37^{16} + 14 \cdot 37^{17} + 4 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 3, 1, 2, 1) = 8 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 12 \cdot 37^{15} + 33 \cdot 37^{16} + 7 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 3, 1, 1, 2) = 20 \cdot 37^{12} + 14 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{15} + 26 \cdot 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 3, 1, 1, 1, 1) = 22 \cdot 37^{12} + 27 \cdot 37^{13} + 33 \cdot 37^{14} + 7 \cdot 37^{15} + 24 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 5) = 26 \cdot 37^{12} + 30 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 4, 1) = 26 \cdot 37^{12} + 35 \cdot 37^{13} + 18 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 35 \cdot 37^{17} + 17 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 3, 2) = 29 \cdot 37^{12} + 32 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 6 \cdot 37^{17} + 35 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 3, 1, 1) = 25 \cdot 37^{12} + 34 \cdot 37^{13} + 16 \cdot 37^{14} + 28 \cdot 37^{15} + 29 \cdot 37^{16} + 11 \cdot 37^{17} + 23 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 2, 3) = 12 \cdot 37^{12} + 27 \cdot 37^{13} + 11 \cdot 37^{14} + 18 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 2, 2, 1) = 15 \cdot 37^{12} + 33 \cdot 37^{13} + 36 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 27 \cdot 37^{17} + 29 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 2, 1, 2) = 15 \cdot 37^{12} + 15 \cdot 37^{13} + 25 \cdot 37^{14} + 13 \cdot 37^{15} + 16 \cdot 37^{16} + 37^{17} + 18 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 2, 1, 1, 1) = 11 \cdot 37^{12} + 34 \cdot 37^{13} + 6 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 4) = 5 \cdot 37^{12} + 9 \cdot 37^{13} + 25 \cdot 37^{14} + 3 \cdot 37^{15} + 21 \cdot 37^{16} + 34 \cdot 37^{17} + 8 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 3, 1) = 8 \cdot 37^{12} + 28 \cdot 37^{13} + 14 \cdot 37^{14} + 31 \cdot 37^{15} + 31 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 2, 2) = 29 \cdot 37^{12} + 20 \cdot 37^{13} + 12 \cdot 37^{14} + 23 \cdot 37^{15} + 10 \cdot 37^{16} + 13 \cdot 37^{17} + 35 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 2, 1, 1) = 10 \cdot 37^{12} + 36 \cdot 37^{13} + 8 \cdot 37^{14} + 21 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 16 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 3) = 28 \cdot 37^{12} + 12 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{17} + 25 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 2, 1) = 10 \cdot 37^{12} + 13 \cdot 37^{13} + 16 \cdot 37^{14} + 37^{15} + 3 \cdot 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 1, 2) = 15 \cdot 37^{12} + 19 \cdot 37^{14} + 18 \cdot 37^{15} + 26 \cdot 37^{16} + 20 \cdot 37^{17} + 8 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 2, 1, 1, 1, 1, 1) = 10 \cdot 37^{12} + 2 \cdot 37^{13} + 22 \cdot 37^{14} + 13 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 6) = 17 \cdot 37^{12} + 17 \cdot 37^{13} + 24 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 5, 1) = 32 \cdot 37^{12} + 23 \cdot 37^{13} + 29 \cdot 37^{14} + 34 \cdot 37^{15} + 37^{16} + 23 \cdot 37^{17} + 2 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 4, 2) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 27 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 9 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 4, 1, 1) = 6 \cdot 37^{12} + 2 \cdot 37^{13} + 15 \cdot 37^{14} + 11 \cdot 37^{15} + 9 \cdot 37^{16} + 37^{17} + 34 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 3, 3) = 24 \cdot 37^{12} + 10 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 27 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 3, 2, 1) = 4 \cdot 37^{12} + 36 \cdot 37^{13} + 12 \cdot 37^{14} + 26 \cdot 37^{15} + 22 \cdot 37^{16} + 24 \cdot 37^{17} + 16 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 3, 1, 2) = 27 \cdot 37^{12} + 35 \cdot 37^{13} + 28 \cdot 37^{14} + 37^{15} + 16 \cdot 37^{16} + 26 \cdot 37^{17} + 17 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 3, 1, 1, 1) = 37^{12} + 32 \cdot 37^{13} + 5 \cdot 37^{14} + 30 \cdot 37^{15} + 34 \cdot 37^{16} + 23 \cdot 37^{17} + 2 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 4) = 32 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 36 \cdot 37^{17} + 28 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 3, 1) = 2 \cdot 37^{12} + 2 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{15} + 10 \cdot 37^{16} + 24 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 2, 2) = 20 \cdot 37^{13} + 22 \cdot 37^{14} + 6 \cdot 37^{15} + 35 \cdot 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 2, 1, 1) = 13 \cdot 37^{12} + 12 \cdot 37^{13} + 10 \cdot 37^{14} + 13 \cdot 37^{15} + 9 \cdot 37^{16} + 34 \cdot 37^{17} + 4 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 3) = 11 \cdot 37^{12} + 23 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 13 \cdot 37^{16} + 3 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 2, 1) = 20 \cdot 37^{12} + 17 \cdot 37^{13} + 19 \cdot 37^{14} + 26 \cdot 37^{15} + 37^{16} + 36 \cdot 37^{17} + 10 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 1, 2) = 20 \cdot 37^{12} + 32 \cdot 37^{13} + 21 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 25 \cdot 37^{17} + 4 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 37^{12} + 27 \cdot 37^{13} + 12 \cdot 37^{14} + 15 \cdot 37^{15} + 8 \cdot 37^{16} + 17 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 5) = 18 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 33 \cdot 37^{15} + 15 \cdot 37^{16} + 17 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 4, 1) = 17 \cdot 37^{12} + 2 \cdot 37^{13} + 21 \cdot 37^{14} + 9 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 31 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 3, 2) = 11 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 16 \cdot 37^{15} + 34 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 3, 1, 1) = 2 \cdot 37^{12} + 4 \cdot 37^{13} + 26 \cdot 37^{14} + 23 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 18 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 3) = 13 \cdot 37^{12} + 17 \cdot 37^{13} + 6 \cdot 37^{14} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 7 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 2, 1) = 35 \cdot 37^{12} + 36 \cdot 37^{13} + 36 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 31 \cdot 37^{17} + 16 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 1, 2) = 7 \cdot 37^{12} + 4 \cdot 37^{14} + 27 \cdot 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 2, 1, 1, 1) = 31 \cdot 37^{12} + 18 \cdot 37^{13} + 13 \cdot 37^{14} + 34 \cdot 37^{15} + 32 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 4) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 33 \cdot 37^{14} + 28 \cdot 37^{15} + 30 \cdot 37^{16} + 16 \cdot 37^{17} + 15 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 3, 1) = 3 \cdot 37^{12} + 6 \cdot 37^{13} + 18 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 2, 2) = 10 \cdot 37^{12} + 22 \cdot 37^{13} + 34 \cdot 37^{14} + 4 \cdot 37^{15} + 14 \cdot 37^{16} + 37^{17} + 14 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 2, 1, 1) = 27 \cdot 37^{12} + 6 \cdot 37^{13} + 17 \cdot 37^{14} + 14 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 32 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 3) = 6 \cdot 37^{12} + 37^{13} + 27 \cdot 37^{14} + 37^{15} + 7 \cdot 37^{16} + 14 \cdot 37^{17} + 12 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 2, 1) = 32 \cdot 37^{12} + 28 \cdot 37^{13} + 35 \cdot 37^{14} + 21 \cdot 37^{15} + 19 \cdot 37^{16} + 8 \cdot 37^{17} + 27 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 1, 2) = 30 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 2, 1, 1, 1, 1, 1, 1, 1, 1) = 33 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 9) = 30 \cdot 37^{12} + 29 \cdot 37^{13} + 26 \cdot 37^{14} + 22 \cdot 37^{15} + 17 \cdot 37^{16} + 23 \cdot 37^{17} + 12 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 8, 1) = 23 \cdot 37^{12} + 6 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 6 \cdot 37^{16} + 10 \cdot 37^{17} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 7, 2) = 31 \cdot 37^{12} + 18 \cdot 37^{13} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 7, 1, 1) = 18 \cdot 37^{12} + 9 \cdot 37^{13} + 3 \cdot 37^{14} + 18 \cdot 37^{15} + 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 6, 3) = 33 \cdot 37^{12} + 8 \cdot 37^{13} + 19 \cdot 37^{14} + 19 \cdot 37^{15} + 5 \cdot 37^{16} + 34 \cdot 37^{17} + 29 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 6, 2, 1) = 4 \cdot 37^{12} + 9 \cdot 37^{13} + 35 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 6 \cdot 37^{17} + 21 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 6, 1, 2) = 30 \cdot 37^{12} + 32 \cdot 37^{13} + 17 \cdot 37^{14} + 31 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + 36 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 6, 1, 1, 1) = 28 \cdot 37^{12} + 24 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 4 \cdot 37^{16} + 32 \cdot 37^{17} + 5 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 5, 4) = 24 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 32 \cdot 37^{15} + 35 \cdot 37^{16} + 28 \cdot 37^{17} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 5, 3, 1) = 25 \cdot 37^{12} + 6 \cdot 37^{13} + 18 \cdot 37^{14} + 11 \cdot 37^{15} + 20 \cdot 37^{16} + 30 \cdot 37^{17} + 29 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 5, 2, 2) = 11 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 16 \cdot 37^{15} + 34 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 5, 2, 1, 1) = 33 \cdot 37^{12} + 14 \cdot 37^{13} + 9 \cdot 37^{14} + 5 \cdot 37^{15} + 22 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 5, 1, 3) = 14 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{14} + 5 \cdot 37^{15} + 32 \cdot 37^{16} + 3 \cdot 37^{17} + 31 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 5, 1, 2, 1) = 29 \cdot 37^{12} + 14 \cdot 37^{13} + 8 \cdot 37^{14} + 9 \cdot 37^{15} + 27 \cdot 37^{16} + 30 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 5, 1, 1, 2) = 36 \cdot 37^{12} + 6 \cdot 37^{13} + 18 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 34 \cdot 37^{17} + 18 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 5, 1, 1, 1, 1) = 5 \cdot 37^{12} + 26 \cdot 37^{13} + 24 \cdot 37^{14} + 23 \cdot 37^{15} + 4 \cdot 37^{16} + 35 \cdot 37^{17} + 19 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 4, 5) = 3 \cdot 37^{12} + 16 \cdot 37^{13} + 32 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 8 \cdot 37^{17} + 27 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 4, 4, 1) = 37^{12} + 15 \cdot 37^{13} + 3 \cdot 37^{14} + 26 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 4, 3, 2) = 17 \cdot 37^{12} + 7 \cdot 37^{13} + 19 \cdot 37^{14} + 30 \cdot 37^{15} + 29 \cdot 37^{16} + 7 \cdot 37^{17} + 21 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 4, 3, 1, 1) = 4 \cdot 37^{12} + 34 \cdot 37^{13} + 14 \cdot 37^{14} + 36 \cdot 37^{15} + 36 \cdot 37^{16} + 29 \cdot 37^{17} + 9 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 4, 2, 3) = 6 \cdot 37^{12} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 22 \cdot 37^{16} + 12 \cdot 37^{17} + 35 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 4, 2, 2, 1) = 15 \cdot 37^{12} + 4 \cdot 37^{13} + 5 \cdot 37^{14} + 32 \cdot 37^{15} + 4 \cdot 37^{16} + 22 \cdot 37^{17} + 9 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 4, 2, 1, 2) = 12 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 13 \cdot 37^{15} + 27 \cdot 37^{16} + 32 \cdot 37^{17} + 32 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 4, 2, 1, 1, 1) = 9 \cdot 37^{12} + 6 \cdot 37^{13} + 26 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 8 \cdot 37^{17} + 26 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 4, 1, 4) = 12 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 20 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 23 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 4, 1, 3, 1) = 18 \cdot 37^{12} + 27 \cdot 37^{13} + 34 \cdot 37^{14} + 34 \cdot 37^{15} + 21 \cdot 37^{16} + 30 \cdot 37^{17} + 34 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 4, 1, 2, 2) = 6 \cdot 37^{12} + 12 \cdot 37^{13} + 7 \cdot 37^{14} + 18 \cdot 37^{15} + 4 \cdot 37^{16} + 10 \cdot 37^{17} + 4 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 4, 1, 2, 1, 1) = 28 \cdot 37^{12} + 33 \cdot 37^{13} + 7 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 34 \cdot 37^{17} + 18 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 4, 1, 1, 3) = 33 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{14} + 27 \cdot 37^{15} + 12 \cdot 37^{16} + 9 \cdot 37^{17} + 26 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 4, 1, 1, 2, 1) = 23 \cdot 37^{12} + 4 \cdot 37^{13} + 10 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 4, 1, 1, 1, 2) = 34 \cdot 37^{12} + 26 \cdot 37^{13} + 6 \cdot 37^{14} + 32 \cdot 37^{15} + 15 \cdot 37^{16} + 8 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 4, 1, 1, 1, 1, 1) = 16 \cdot 37^{12} + 35 \cdot 37^{13} + 35 \cdot 37^{14} + 8 \cdot 37^{15} + 4 \cdot 37^{16} + 23 \cdot 37^{17} + 15 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 6) = 31 \cdot 37^{12} + 36 \cdot 37^{13} + 32 \cdot 37^{14} + 9 \cdot 37^{15} + 36 \cdot 37^{16} + 36 \cdot 37^{17} + 14 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 5, 1) = 3 \cdot 37^{12} + 34 \cdot 37^{13} + 5 \cdot 37^{14} + 33 \cdot 37^{15} + 18 \cdot 37^{16} + 10 \cdot 37^{17} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 4, 2) = 2 \cdot 37^{12} + 37^{13} + 2 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 26 \cdot 37^{17} + 21 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 4, 1, 1) = 16 \cdot 37^{12} + 33 \cdot 37^{13} + 14 \cdot 37^{14} + 2 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 3, 3) = 34 \cdot 37^{12} + 35 \cdot 37^{13} + 20 \cdot 37^{14} + 23 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 3, 2, 1) = 25 \cdot 37^{12} + 19 \cdot 37^{13} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 17 \cdot 37^{16} + 20 \cdot 37^{17} + 35 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 3, 1, 2) = 24 \cdot 37^{12} + 5 \cdot 37^{13} + 33 \cdot 37^{14} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 37^{17} + 29 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 3, 1, 1, 1) = 22 \cdot 37^{12} + 29 \cdot 37^{13} + 33 \cdot 37^{14} + 14 \cdot 37^{15} + 17 \cdot 37^{16} + 9 \cdot 37^{17} + 12 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 2, 4) = 32 \cdot 37^{12} + 13 \cdot 37^{13} + 9 \cdot 37^{14} + 8 \cdot 37^{15} + 34 \cdot 37^{16} + 29 \cdot 37^{17} + 18 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 2, 3, 1) = 16 \cdot 37^{12} + 7 \cdot 37^{13} + 26 \cdot 37^{14} + 32 \cdot 37^{15} + 10 \cdot 37^{16} + 32 \cdot 37^{17} + 16 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 2, 2, 2) = 12 \cdot 37^{12} + 29 \cdot 37^{13} + 4 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 17 \cdot 37^{17} + 6 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 2, 2, 1, 1) = 37^{12} + 6 \cdot 37^{13} + 9 \cdot 37^{14} + 17 \cdot 37^{15} + 4 \cdot 37^{16} + 10 \cdot 37^{17} + 4 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 2, 1, 3) = 12 \cdot 37^{12} + 8 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 24 \cdot 37^{16} + 7 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 2, 1, 2, 1) = 21 \cdot 37^{12} + 6 \cdot 37^{13} + 12 \cdot 37^{14} + 35 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 26 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 2, 1, 1, 2) = 5 \cdot 37^{12} + 35 \cdot 37^{13} + 31 \cdot 37^{14} + 21 \cdot 37^{15} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 2, 1, 1, 1, 1) = 3 \cdot 37^{12} + 25 \cdot 37^{13} + 31 \cdot 37^{15} + 10 \cdot 37^{16} + 37^{17} + 20 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 5) = 33 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 15 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 4, 1) = 16 \cdot 37^{12} + 13 \cdot 37^{13} + 21 \cdot 37^{14} + 25 \cdot 37^{15} + 36 \cdot 37^{16} + 16 \cdot 37^{17} + 23 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 3, 2) = 11 \cdot 37^{12} + 28 \cdot 37^{13} + 10 \cdot 37^{14} + 5 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 29 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 3, 1, 1) = 32 \cdot 37^{13} + 13 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 21 \cdot 37^{17} + 20 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 2, 3) = 22 \cdot 37^{12} + 9 \cdot 37^{13} + 32 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 2, 2, 1) = 10 \cdot 37^{12} + 22 \cdot 37^{13} + 2 \cdot 37^{14} + 28 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 35 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 2, 1, 2) = 16 \cdot 37^{12} + 7 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 8 \cdot 37^{16} + 23 \cdot 37^{17} + 14 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 2, 1, 1, 1) = 29 \cdot 37^{12} + 21 \cdot 37^{13} + 30 \cdot 37^{14} + 33 \cdot 37^{15} + 26 \cdot 37^{16} + 17 \cdot 37^{17} + 16 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 4) = 13 \cdot 37^{12} + 33 \cdot 37^{13} + 9 \cdot 37^{14} + 22 \cdot 37^{15} + 8 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 3, 1) = 24 \cdot 37^{12} + 37^{13} + 25 \cdot 37^{14} + 20 \cdot 37^{15} + 2 \cdot 37^{16} + 26 \cdot 37^{17} + 8 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 2, 2) = 21 \cdot 37^{12} + 8 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 28 \cdot 37^{16} + 28 \cdot 37^{17} + 34 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 2, 1, 1) = 17 \cdot 37^{12} + 22 \cdot 37^{13} + 29 \cdot 37^{14} + 34 \cdot 37^{15} + 6 \cdot 37^{16} + 32 \cdot 37^{17} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 3) = 15 \cdot 37^{12} + 18 \cdot 37^{13} + 22 \cdot 37^{14} + 19 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 2, 1) = 30 \cdot 37^{12} + 27 \cdot 37^{13} + 13 \cdot 37^{14} + 4 \cdot 37^{15} + 35 \cdot 37^{16} + 34 \cdot 37^{17} + 15 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 1, 2) = 2 \cdot 37^{12} + 21 \cdot 37^{13} + 5 \cdot 37^{14} + 16 \cdot 37^{15} + 31 \cdot 37^{16} + 5 \cdot 37^{17} + 21 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 3, 1, 1, 1, 1, 1, 1) = 35 \cdot 37^{12} + 32 \cdot 37^{13} + 9 \cdot 37^{14} + 22 \cdot 37^{15} + 29 \cdot 37^{16} + 11 \cdot 37^{17} + 15 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 7) = 37^{12} + 30 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 28 \cdot 37^{16} + 2 \cdot 37^{17} + 18 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 6, 1) = 30 \cdot 37^{12} + 8 \cdot 37^{13} + 3 \cdot 37^{14} + 3 \cdot 37^{15} + 9 \cdot 37^{16} + 27 \cdot 37^{17} + 23 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 5, 2) = 24 \cdot 37^{12} + 30 \cdot 37^{13} + 16 \cdot 37^{14} + 12 \cdot 37^{15} + 15 \cdot 37^{16} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 5, 1, 1) = 19 \cdot 37^{12} + 3 \cdot 37^{13} + 28 \cdot 37^{14} + 17 \cdot 37^{15} + 11 \cdot 37^{17} + 35 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 4, 3) = 24 \cdot 37^{12} + 20 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 10 \cdot 37^{16} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 4, 2, 1) = 16 \cdot 37^{12} + 17 \cdot 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 14 \cdot 37^{16} + 12 \cdot 37^{17} + 15 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 4, 1, 2) = 14 \cdot 37^{12} + 9 \cdot 37^{13} + 13 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 4, 1, 1, 1) = 8 \cdot 37^{12} + 35 \cdot 37^{13} + 35 \cdot 37^{14} + 3 \cdot 37^{15} + 35 \cdot 37^{16} + 32 \cdot 37^{17} + 31 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 3, 4) = 10 \cdot 37^{12} + 3 \cdot 37^{13} + 8 \cdot 37^{14} + 10 \cdot 37^{17} + 26 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 3, 3, 1) = 34 \cdot 37^{12} + 24 \cdot 37^{13} + 13 \cdot 37^{14} + 16 \cdot 37^{15} + 26 \cdot 37^{16} + 34 \cdot 37^{17} + 25 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 3, 2, 2) = 29 \cdot 37^{12} + 32 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 6 \cdot 37^{17} + 35 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 3, 2, 1, 1) = 21 \cdot 37^{12} + 7 \cdot 37^{13} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 2 \cdot 37^{17} + 32 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 3, 1, 3) = 35 \cdot 37^{12} + 25 \cdot 37^{13} + 2 \cdot 37^{14} + 5 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 3, 1, 2, 1) = 3 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 24 \cdot 37^{15} + 35 \cdot 37^{16} + 20 \cdot 37^{17} + 24 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 3, 1, 1, 2) = 23 \cdot 37^{12} + 28 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 15 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 3, 1, 1, 1, 1) = 26 \cdot 37^{12} + 27 \cdot 37^{13} + 15 \cdot 37^{14} + 28 \cdot 37^{15} + 34 \cdot 37^{16} + 8 \cdot 37^{17} + 12 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 5) = 26 \cdot 37^{12} + 25 \cdot 37^{13} + 13 \cdot 37^{14} + 29 \cdot 37^{15} + 3 \cdot 37^{16} + 22 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 4, 1) = 37^{12} + 4 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 3 \cdot 37^{16} + 34 \cdot 37^{17} + 33 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 3, 2) = 16 \cdot 37^{12} + 8 \cdot 37^{13} + 13 \cdot 37^{14} + 11 \cdot 37^{15} + 6 \cdot 37^{16} + 23 \cdot 37^{17} + 3 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 3, 1, 1) = 29 \cdot 37^{12} + 27 \cdot 37^{13} + 3 \cdot 37^{14} + 10 \cdot 37^{15} + 9 \cdot 37^{16} + 25 \cdot 37^{17} + 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 2, 3) = 22 \cdot 37^{12} + 12 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 2, 2, 1) = 25 \cdot 37^{12} + 6 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 2, 1, 2) = 13 \cdot 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 2, 1, 1, 1) = 28 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{17} + 18 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 4) = 10 \cdot 37^{12} + 23 \cdot 37^{13} + 4 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 3, 1) = 3 \cdot 37^{12} + 37^{13} + 9 \cdot 37^{14} + 36 \cdot 37^{15} + 16 \cdot 37^{16} + 3 \cdot 37^{17} + 22 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 2, 2) = 4 \cdot 37^{13} + 5 \cdot 37^{14} + 13 \cdot 37^{15} + 7 \cdot 37^{16} + 31 \cdot 37^{17} + 5 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 2, 1, 1) = 11 \cdot 37^{12} + 7 \cdot 37^{13} + 12 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 26 \cdot 37^{17} + 7 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 3) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 36 \cdot 37^{14} + 32 \cdot 37^{15} + 3 \cdot 37^{16} + 29 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 2, 1) = 8 \cdot 37^{12} + 29 \cdot 37^{13} + 18 \cdot 37^{14} + 7 \cdot 37^{15} + 15 \cdot 37^{16} + 17 \cdot 37^{17} + 11 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 1, 2) = 4 \cdot 37^{12} + 12 \cdot 37^{13} + 36 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 5 \cdot 37^{17} + 20 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 2, 1, 1, 1, 1, 1) = 29 \cdot 37^{12} + 36 \cdot 37^{13} + 6 \cdot 37^{14} + 28 \cdot 37^{15} + 18 \cdot 37^{16} + 25 \cdot 37^{17} + 5 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 6) = 34 \cdot 37^{12} + 22 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 28 \cdot 37^{16} + 27 \cdot 37^{17} + 19 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 5, 1) = 36 \cdot 37^{12} + 35 \cdot 37^{13} + 36 \cdot 37^{14} + 9 \cdot 37^{15} + 8 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 4, 2) = 25 \cdot 37^{12} + 24 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{16} + 7 \cdot 37^{17} + 8 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 4, 1, 1) = 34 \cdot 37^{12} + 16 \cdot 37^{13} + 14 \cdot 37^{14} + 27 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 24 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 3, 3) = 12 \cdot 37^{12} + 11 \cdot 37^{13} + 19 \cdot 37^{14} + 23 \cdot 37^{15} + 2 \cdot 37^{16} + 16 \cdot 37^{17} + 17 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 3, 2, 1) = 11 \cdot 37^{12} + 4 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 27 \cdot 37^{16} + 2 \cdot 37^{17} + 21 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 3, 1, 2) = 2 \cdot 37^{12} + 20 \cdot 37^{13} + 8 \cdot 37^{14} + 33 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 18 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 3, 1, 1, 1) = 24 \cdot 37^{12} + 28 \cdot 37^{13} + 31 \cdot 37^{14} + 29 \cdot 37^{15} + 30 \cdot 37^{16} + 5 \cdot 37^{17} + 27 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 4) = 3 \cdot 37^{12} + 24 \cdot 37^{13} + 19 \cdot 37^{14} + 9 \cdot 37^{15} + 14 \cdot 37^{16} + 14 \cdot 37^{17} + 8 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 3, 1) = 27 \cdot 37^{12} + 3 \cdot 37^{13} + 20 \cdot 37^{14} + 17 \cdot 37^{15} + 18 \cdot 37^{16} + 24 \cdot 37^{17} + 2 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 2, 2) = 8 \cdot 37^{12} + 6 \cdot 37^{13} + 8 \cdot 37^{14} + 32 \cdot 37^{15} + 24 \cdot 37^{16} + 11 \cdot 37^{17} + 30 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 2, 1, 1) = 6 \cdot 37^{12} + 31 \cdot 37^{13} + 10 \cdot 37^{14} + 4 \cdot 37^{15} + 19 \cdot 37^{16} + 21 \cdot 37^{17} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 3) = 19 \cdot 37^{12} + 29 \cdot 37^{13} + 33 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 3 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 2, 1) = 10 \cdot 37^{12} + 31 \cdot 37^{13} + 15 \cdot 37^{14} + 25 \cdot 37^{15} + 31 \cdot 37^{17} + 4 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 1, 2) = 36 \cdot 37^{13} + 7 \cdot 37^{14} + 24 \cdot 37^{15} + 2 \cdot 37^{16} + 16 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 2, 1, 1, 1, 1) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 35 \cdot 37^{14} + 30 \cdot 37^{15} + 15 \cdot 37^{16} + 8 \cdot 37^{17} + 36 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 5) = 13 \cdot 37^{12} + 15 \cdot 37^{13} + 21 \cdot 37^{14} + 26 \cdot 37^{15} + 26 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 4, 1) = 32 \cdot 37^{12} + 17 \cdot 37^{13} + 26 \cdot 37^{14} + 12 \cdot 37^{15} + 34 \cdot 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 3, 2) = 17 \cdot 37^{12} + 7 \cdot 37^{13} + 19 \cdot 37^{14} + 30 \cdot 37^{15} + 29 \cdot 37^{16} + 7 \cdot 37^{17} + 21 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 3, 1, 1) = 35 \cdot 37^{12} + 14 \cdot 37^{13} + 3 \cdot 37^{14} + 30 \cdot 37^{15} + 33 \cdot 37^{16} + 6 \cdot 37^{17} + 30 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 3) = 8 \cdot 37^{12} + 16 \cdot 37^{13} + 23 \cdot 37^{14} + 33 \cdot 37^{15} + 34 \cdot 37^{17} + 11 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 2, 1) = 15 \cdot 37^{12} + 5 \cdot 37^{13} + 23 \cdot 37^{14} + 7 \cdot 37^{15} + 21 \cdot 37^{16} + 24 \cdot 37^{17} + 12 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 1, 2) = 18 \cdot 37^{12} + 4 \cdot 37^{13} + 35 \cdot 37^{14} + 7 \cdot 37^{15} + 25 \cdot 37^{16} + 5 \cdot 37^{17} + 13 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 2, 1, 1, 1) = 9 \cdot 37^{12} + 30 \cdot 37^{13} + 5 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 4) = 5 \cdot 37^{12} + 22 \cdot 37^{13} + 22 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 33 \cdot 37^{17} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 3, 1) = 6 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 30 \cdot 37^{15} + 37^{16} + 13 \cdot 37^{17} + 25 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 2, 2) = 7 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 26 \cdot 37^{15} + 13 \cdot 37^{16} + 3 \cdot 37^{17} + 36 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 2, 1, 1) = 31 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 33 \cdot 37^{15} + 26 \cdot 37^{16} + 25 \cdot 37^{17} + 13 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 3) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 16 \cdot 37^{14} + 18 \cdot 37^{15} + 29 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 2, 1) = 5 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 14 \cdot 37^{17} + 19 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 1, 2) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 32 \cdot 37^{16} + 13 \cdot 37^{17} + 23 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 2, 1, 1, 1, 1, 1, 1, 1) = 14 \cdot 37^{12} + 8 \cdot 37^{13} + 36 \cdot 37^{14} + 5 \cdot 37^{15} + 13 \cdot 37^{16} + 22 \cdot 37^{17} + 14 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 8) = 30 \cdot 37^{12} + 5 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 7, 1) = 6 \cdot 37^{12} + 9 \cdot 37^{13} + 8 \cdot 37^{14} + 18 \cdot 37^{15} + 13 \cdot 37^{16} + 16 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 6, 2) = 34 \cdot 37^{12} + 36 \cdot 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 4 \cdot 37^{17} + 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 6, 1, 1) = 17 \cdot 37^{12} + 35 \cdot 37^{13} + 29 \cdot 37^{14} + 18 \cdot 37^{15} + 3 \cdot 37^{16} + 36 \cdot 37^{17} + 18 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 5, 3) = 32 \cdot 37^{12} + 28 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 7 \cdot 37^{17} + 8 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 5, 2, 1) = 25 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 14 \cdot 37^{17} + 3 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 5, 1, 2) = 8 \cdot 37^{12} + 22 \cdot 37^{13} + 10 \cdot 37^{15} + 5 \cdot 37^{16} + 28 \cdot 37^{17} + 33 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 5, 1, 1, 1) = 36 \cdot 37^{12} + 13 \cdot 37^{13} + 13 \cdot 37^{14} + 9 \cdot 37^{15} + 15 \cdot 37^{16} + 32 \cdot 37^{17} + 4 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 4, 4) = 23 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 28 \cdot 37^{15} + 9 \cdot 37^{17} + 24 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 4, 3, 1) = 18 \cdot 37^{13} + 25 \cdot 37^{14} + 13 \cdot 37^{15} + 8 \cdot 37^{16} + 27 \cdot 37^{17} + 25 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 4, 2, 2) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 27 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 9 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 4, 2, 1, 1) = 3 \cdot 37^{12} + 24 \cdot 37^{13} + 4 \cdot 37^{14} + 28 \cdot 37^{15} + 32 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 4, 1, 3) = 3 \cdot 37^{12} + 17 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 8 \cdot 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 4, 1, 2, 1) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 16 \cdot 37^{14} + 14 \cdot 37^{15} + 4 \cdot 37^{16} + 12 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 4, 1, 1, 2) = 33 \cdot 37^{12} + 13 \cdot 37^{13} + 30 \cdot 37^{14} + 12 \cdot 37^{15} + 22 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 4, 1, 1, 1, 1) = 19 \cdot 37^{12} + 13 \cdot 37^{13} + 21 \cdot 37^{14} + 3 \cdot 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 5) = 2 \cdot 37^{12} + 9 \cdot 37^{13} + 33 \cdot 37^{15} + 34 \cdot 37^{16} + 17 \cdot 37^{17} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 4, 1) = 34 \cdot 37^{13} + 17 \cdot 37^{14} + 35 \cdot 37^{15} + 26 \cdot 37^{16} + 10 \cdot 37^{17} + 25 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 3, 2) = 25 \cdot 37^{12} + 24 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{16} + 7 \cdot 37^{17} + 8 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 3, 1, 1) = 11 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 2, 3) = 13 \cdot 37^{12} + 7 \cdot 37^{13} + 25 \cdot 37^{14} + 2 \cdot 37^{15} + 21 \cdot 37^{16} + 30 \cdot 37^{17} + 32 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 2, 2, 1) = 4 \cdot 37^{12} + 23 \cdot 37^{13} + 23 \cdot 37^{14} + 9 \cdot 37^{15} + 31 \cdot 37^{16} + 9 \cdot 37^{17} + 7 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 2, 1, 2) = 27 \cdot 37^{12} + 21 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 17 \cdot 37^{16} + 34 \cdot 37^{17} + 15 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 2, 1, 1, 1) = 15 \cdot 37^{12} + 6 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 19 \cdot 37^{17} + 18 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 4) = 34 \cdot 37^{12} + 31 \cdot 37^{13} + 17 \cdot 37^{14} + 22 \cdot 37^{15} + 22 \cdot 37^{16} + 18 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 3, 1) = 11 \cdot 37^{12} + 24 \cdot 37^{13} + 34 \cdot 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{16} + 3 \cdot 37^{17} + 20 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 2, 2) = 7 \cdot 37^{12} + 28 \cdot 37^{13} + 36 \cdot 37^{14} + 8 \cdot 37^{15} + 21 \cdot 37^{16} + 10 \cdot 37^{17} + 2 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 2, 1, 1) = 16 \cdot 37^{13} + 17 \cdot 37^{14} + 12 \cdot 37^{15} + 27 \cdot 37^{16} + 30 \cdot 37^{17} + 24 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 3) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 7 \cdot 37^{14} + 4 \cdot 37^{15} + 25 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 2, 1) = 29 \cdot 37^{12} + 20 \cdot 37^{13} + 9 \cdot 37^{14} + 2 \cdot 37^{15} + 23 \cdot 37^{16} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 1, 2) = 13 \cdot 37^{12} + 24 \cdot 37^{13} + 6 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 33 \cdot 37^{17} + 29 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 3, 1, 1, 1, 1, 1) = 6 \cdot 37^{12} + 3 \cdot 37^{13} + 31 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 4 \cdot 37^{17} + 9 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 6) = 11 \cdot 37^{12} + 8 \cdot 37^{13} + 14 \cdot 37^{14} + 34 \cdot 37^{15} + 10 \cdot 37^{16} + 34 \cdot 37^{17} + 18 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 5, 1) = 32 \cdot 37^{12} + 25 \cdot 37^{13} + 19 \cdot 37^{14} + 30 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 28 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 4, 2) = 37^{12} + 7 \cdot 37^{13} + 31 \cdot 37^{14} + 33 \cdot 37^{15} + 19 \cdot 37^{16} + 17 \cdot 37^{17} + 7 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 4, 1, 1) = 15 \cdot 37^{12} + 30 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 26 \cdot 37^{16} + 12 \cdot 37^{17} + 3 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 3, 3) = 3 \cdot 37^{12} + 33 \cdot 37^{14} + 34 \cdot 37^{15} + 35 \cdot 37^{16} + 29 \cdot 37^{17} + 17 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 3, 2, 1) = 35 \cdot 37^{12} + 20 \cdot 37^{13} + 15 \cdot 37^{14} + 19 \cdot 37^{15} + 5 \cdot 37^{16} + 21 \cdot 37^{17} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 3, 1, 2) = 37^{12} + 5 \cdot 37^{13} + 16 \cdot 37^{14} + 33 \cdot 37^{15} + 6 \cdot 37^{16} + 30 \cdot 37^{17} + 16 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 3, 1, 1, 1) = 17 \cdot 37^{12} + 13 \cdot 37^{13} + 4 \cdot 37^{14} + 26 \cdot 37^{16} + 25 \cdot 37^{17} + 36 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 4) = 17 \cdot 37^{12} + 37^{13} + 29 \cdot 37^{14} + 30 \cdot 37^{15} + 23 \cdot 37^{16} + 6 \cdot 37^{17} + 36 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 3, 1) = 12 \cdot 37^{12} + 30 \cdot 37^{13} + 21 \cdot 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 2, 2) = 25 \cdot 37^{13} + 24 \cdot 37^{14} + 13 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 27 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 2, 1, 1) = 19 \cdot 37^{12} + 30 \cdot 37^{13} + 31 \cdot 37^{14} + 30 \cdot 37^{15} + 37^{16} + 28 \cdot 37^{17} + 10 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 3) = 32 \cdot 37^{12} + 18 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 2, 1) = 34 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 1, 2) = 10 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 2, 1, 1, 1) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 26 \cdot 37^{14} + 17 \cdot 37^{15} + 31 \cdot 37^{16} + 21 \cdot 37^{17} + 7 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 5) = 31 \cdot 37^{12} + 32 \cdot 37^{13} + 2 \cdot 37^{14} + 18 \cdot 37^{15} + 36 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 4, 1) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 12 \cdot 37^{15} + 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 3, 2) = 2 \cdot 37^{12} + 37^{13} + 2 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 26 \cdot 37^{17} + 21 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 3, 1, 1) = 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 21 \cdot 37^{15} + 26 \cdot 37^{16} + 16 \cdot 37^{17} + 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 3) = 27 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 7 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 2, 1) = 7 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 31 \cdot 37^{15} + 29 \cdot 37^{16} + 37^{17} + 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 1, 2) = 23 \cdot 37^{12} + 31 \cdot 37^{13} + 9 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 2, 1, 1, 1) = 14 \cdot 37^{12} + 9 \cdot 37^{13} + 31 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 36 \cdot 37^{17} + 24 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 4) = 3 \cdot 37^{12} + 36 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 13 \cdot 37^{16} + 9 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 3, 1) = 8 \cdot 37^{12} + 34 \cdot 37^{13} + 32 \cdot 37^{14} + 21 \cdot 37^{15} + 4 \cdot 37^{16} + 2 \cdot 37^{17} + 4 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 2, 2) = 20 \cdot 37^{12} + 34 \cdot 37^{13} + 10 \cdot 37^{14} + 14 \cdot 37^{15} + 3 \cdot 37^{16} + 15 \cdot 37^{17} + 6 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 2, 1, 1) = 2 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{14} + 23 \cdot 37^{15} + 36 \cdot 37^{16} + 16 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 3) = 6 \cdot 37^{12} + 4 \cdot 37^{13} + 31 \cdot 37^{14} + 27 \cdot 37^{15} + 19 \cdot 37^{16} + 29 \cdot 37^{17} + 23 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 2, 1) = 28 \cdot 37^{12} + 32 \cdot 37^{13} + 28 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 16 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 1, 2) = 36 \cdot 37^{12} + 14 \cdot 37^{13} + 35 \cdot 37^{14} + 28 \cdot 37^{15} + 36 \cdot 37^{16} + 35 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 2, 1, 1, 1, 1, 1, 1) = 9 \cdot 37^{12} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 4 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 7) = 7 \cdot 37^{13} + 19 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 20 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 6, 1) = 31 \cdot 37^{12} + 36 \cdot 37^{13} + 22 \cdot 37^{14} + 20 \cdot 37^{16} + 37^{17} + 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 5, 2) = 16 \cdot 37^{12} + 29 \cdot 37^{13} + 5 \cdot 37^{14} + 6 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 31 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 5, 1, 1) = 35 \cdot 37^{12} + 22 \cdot 37^{13} + 14 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 6 \cdot 37^{17} + 14 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 4, 3) = 37^{12} + 4 \cdot 37^{13} + 23 \cdot 37^{14} + 34 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 17 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 4, 2, 1) = 28 \cdot 37^{12} + 8 \cdot 37^{13} + 20 \cdot 37^{14} + 12 \cdot 37^{15} + 33 \cdot 37^{16} + 25 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 4, 1, 2) = 34 \cdot 37^{12} + 26 \cdot 37^{13} + 13 \cdot 37^{14} + 15 \cdot 37^{15} + 27 \cdot 37^{16} + 33 \cdot 37^{17} + 31 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 4, 1, 1, 1) = 36 \cdot 37^{12} + 22 \cdot 37^{13} + 28 \cdot 37^{14} + 17 \cdot 37^{15} + 24 \cdot 37^{16} + 15 \cdot 37^{17} + 2 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 4) = 31 \cdot 37^{12} + 23 \cdot 37^{13} + 22 \cdot 37^{14} + 16 \cdot 37^{15} + 21 \cdot 37^{16} + 25 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 3, 1) = 28 \cdot 37^{12} + 9 \cdot 37^{13} + 11 \cdot 37^{14} + 19 \cdot 37^{15} + 29 \cdot 37^{16} + 33 \cdot 37^{17} + 12 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 2, 2) = 16 \cdot 37^{12} + 16 \cdot 37^{13} + 2 \cdot 37^{14} + 11 \cdot 37^{15} + 30 \cdot 37^{16} + 31 \cdot 37^{17} + 24 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 2, 1, 1) = 19 \cdot 37^{12} + 28 \cdot 37^{13} + 26 \cdot 37^{14} + 11 \cdot 37^{15} + 13 \cdot 37^{16} + 2 \cdot 37^{17} + 22 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 3) = 22 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 14 \cdot 37^{16} + 23 \cdot 37^{17} + 17 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 2, 1) = 34 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 17 \cdot 37^{15} + 31 \cdot 37^{16} + 11 \cdot 37^{17} + 21 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 1, 2) = 22 \cdot 37^{12} + 10 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 14 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 3, 1, 1, 1) = 6 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 16 \cdot 37^{16} + 31 \cdot 37^{17} + 36 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 5) = 37^{12} + 2 \cdot 37^{13} + 22 \cdot 37^{14} + 22 \cdot 37^{16} + 2 \cdot 37^{17} + 7 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 4, 1) = 17 \cdot 37^{12} + 9 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 3, 2) = 24 \cdot 37^{12} + 30 \cdot 37^{13} + 16 \cdot 37^{14} + 12 \cdot 37^{15} + 15 \cdot 37^{16} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 3, 1, 1) = 26 \cdot 37^{12} + 12 \cdot 37^{13} + 8 \cdot 37^{14} + 29 \cdot 37^{15} + 4 \cdot 37^{16} + 25 \cdot 37^{17} + 10 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 3) = 20 \cdot 37^{12} + 27 \cdot 37^{13} + 22 \cdot 37^{14} + 13 \cdot 37^{15} + 26 \cdot 37^{16} + 17 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 2, 1) = 29 \cdot 37^{12} + 5 \cdot 37^{13} + 4 \cdot 37^{14} + 19 \cdot 37^{15} + 22 \cdot 37^{16} + 8 \cdot 37^{17} + 3 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 1, 2) = 13 \cdot 37^{12} + 22 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 12 \cdot 37^{16} + 34 \cdot 37^{17} + 2 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 2, 1, 1, 1) = 29 \cdot 37^{12} + 30 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 9 \cdot 37^{17} + 27 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 4) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 20 \cdot 37^{15} + 3 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 3, 1) = 20 \cdot 37^{12} + 11 \cdot 37^{13} + 21 \cdot 37^{14} + 31 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 9 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 2, 2) = 30 \cdot 37^{12} + 15 \cdot 37^{13} + 16 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 7 \cdot 37^{17} + 11 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 2, 1, 1) = 10 \cdot 37^{12} + 20 \cdot 37^{13} + 30 \cdot 37^{14} + 24 \cdot 37^{15} + 14 \cdot 37^{16} + 17 \cdot 37^{17} + 11 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 3) = 25 \cdot 37^{12} + 10 \cdot 37^{13} + 3 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 34 \cdot 37^{17} + 32 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 2, 1) = 5 \cdot 37^{12} + 37^{13} + 35 \cdot 37^{14} + 17 \cdot 37^{15} + 4 \cdot 37^{16} + 8 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 1, 2) = 3 \cdot 37^{12} + 28 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 18 \cdot 37^{16} + 6 \cdot 37^{17} + 9 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 2, 1, 1, 1, 1, 1) = 35 \cdot 37^{12} + 9 \cdot 37^{13} + 23 \cdot 37^{14} + 28 \cdot 37^{15} + 4 \cdot 37^{16} + 3 \cdot 37^{17} + 16 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 6) = 6 \cdot 37^{12} + 15 \cdot 37^{13} + 24 \cdot 37^{14} + 3 \cdot 37^{15} + 24 \cdot 37^{16} + 4 \cdot 37^{17} + 31 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 5, 1) = 14 \cdot 37^{12} + 11 \cdot 37^{13} + 6 \cdot 37^{14} + 9 \cdot 37^{15} + 22 \cdot 37^{16} + 20 \cdot 37^{17} + 11 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 4, 2) = 34 \cdot 37^{12} + 36 \cdot 37^{13} + 4 \cdot 37^{14} + 34 \cdot 37^{15} + 5 \cdot 37^{16} + 4 \cdot 37^{17} + 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 4, 1, 1) = 6 \cdot 37^{12} + 5 \cdot 37^{13} + 12 \cdot 37^{14} + 21 \cdot 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 3) = 37^{12} + 11 \cdot 37^{13} + 33 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 2, 1) = 35 \cdot 37^{12} + 3 \cdot 37^{13} + 23 \cdot 37^{14} + 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 1, 2) = 28 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 29 \cdot 37^{15} + 29 \cdot 37^{16} + 17 \cdot 37^{17} + 23 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 1, 1, 1) = 35 \cdot 37^{12} + 6 \cdot 37^{13} + 37^{14} + 26 \cdot 37^{15} + 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 4) = 31 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 37^{15} + 27 \cdot 37^{16} + 24 \cdot 37^{17} + 13 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 3, 1) = 2 \cdot 37^{12} + 29 \cdot 37^{13} + 20 \cdot 37^{14} + 20 \cdot 37^{15} + 3 \cdot 37^{16} + 14 \cdot 37^{17} + 27 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 2, 2) = 27 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 7 \cdot 37^{15} + 4 \cdot 37^{16} + 15 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 2, 1, 1) = 14 \cdot 37^{12} + 34 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 7 \cdot 37^{16} + 16 \cdot 37^{17} + 4 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 3) = 18 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 23 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 2, 1) = 32 \cdot 37^{12} + 21 \cdot 37^{13} + 32 \cdot 37^{14} + 20 \cdot 37^{15} + 14 \cdot 37^{16} + 2 \cdot 37^{17} + 15 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 1, 2) = 5 \cdot 37^{12} + 37^{13} + 20 \cdot 37^{14} + 37^{15} + 11 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 1, 1, 1) = 9 \cdot 37^{12} + 3 \cdot 37^{13} + 31 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 14 \cdot 37^{17} + 23 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 5) = 23 \cdot 37^{12} + 6 \cdot 37^{13} + 31 \cdot 37^{14} + 25 \cdot 37^{15} + 8 \cdot 37^{16} + 36 \cdot 37^{17} + 12 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 4, 1) = 26 \cdot 37^{12} + 22 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 32 \cdot 37^{16} + 31 \cdot 37^{17} + 4 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 2) = 31 \cdot 37^{12} + 18 \cdot 37^{13} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 3, 1, 1) = 23 \cdot 37^{12} + 6 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 23 \cdot 37^{16} + 33 \cdot 37^{17} + 18 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 3) = 17 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 3 \cdot 37^{17} + 33 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 2, 1) = 26 \cdot 37^{13} + 15 \cdot 37^{14} + 7 \cdot 37^{15} + 11 \cdot 37^{16} + 35 \cdot 37^{17} + 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 2) = 28 \cdot 37^{12} + 28 \cdot 37^{13} + 16 \cdot 37^{14} + 37^{15} + 16 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 2, 1, 1, 1) = 14 \cdot 37^{12} + 29 \cdot 37^{13} + 23 \cdot 37^{14} + 21 \cdot 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 21 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 4) = 17 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 12 \cdot 37^{15} + 30 \cdot 37^{17} + 24 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 3, 1) = 23 \cdot 37^{12} + 8 \cdot 37^{13} + 3 \cdot 37^{14} + 23 \cdot 37^{15} + 31 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 2, 2) = 29 \cdot 37^{13} + 21 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 2, 1, 1) = 33 \cdot 37^{12} + 32 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 11 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 3) = 30 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 22 \cdot 37^{15} + 18 \cdot 37^{16} + 4 \cdot 37^{17} + 15 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 2, 1) = 33 \cdot 37^{12} + 24 \cdot 37^{13} + 12 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 11 \cdot 37^{17} + 25 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 1, 2) = 2 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 34 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 31 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 11) = 28 \cdot 37^{12} + 24 \cdot 37^{13} + 8 \cdot 37^{14} + 28 \cdot 37^{15} + 6 \cdot 37^{16} + 30 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 10, 1) = 27 \cdot 37^{12} + 27 \cdot 37^{13} + 20 \cdot 37^{15} + 32 \cdot 37^{16} + 28 \cdot 37^{17} + 24 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 9, 2) = 30 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 22 \cdot 37^{15} + 18 \cdot 37^{16} + 4 \cdot 37^{17} + 15 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 9, 1, 1) = 4 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 36 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 8, 3) = 35 \cdot 37^{12} + 3 \cdot 37^{13} + 10 \cdot 37^{14} + 37^{15} + 2 \cdot 37^{16} + 14 \cdot 37^{17} + 15 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 8, 2, 1) = 12 \cdot 37^{12} + 20 \cdot 37^{13} + 12 \cdot 37^{14} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 8, 1, 2) = 6 \cdot 37^{13} + 15 \cdot 37^{14} + 10 \cdot 37^{15} + 10 \cdot 37^{16} + 32 \cdot 37^{17} + 7 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 8, 1, 1, 1) = 30 \cdot 37^{12} + 17 \cdot 37^{13} + 11 \cdot 37^{14} + 36 \cdot 37^{15} + 37^{16} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 7, 4) = 30 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 2 \cdot 37^{15} + 31 \cdot 37^{16} + 23 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 7, 3, 1) = 9 \cdot 37^{12} + 18 \cdot 37^{13} + 23 \cdot 37^{14} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 7, 2, 2) = 6 \cdot 37^{12} + 37^{13} + 27 \cdot 37^{14} + 37^{15} + 7 \cdot 37^{16} + 14 \cdot 37^{17} + 12 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 7, 2, 1, 1) = 29 \cdot 37^{12} + 35 \cdot 37^{13} + 5 \cdot 37^{14} + 21 \cdot 37^{15} + 36 \cdot 37^{16} + 19 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 7, 1, 3) = 36 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 36 \cdot 37^{15} + 5 \cdot 37^{16} + 19 \cdot 37^{17} + 30 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 7, 1, 2, 1) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 9 \cdot 37^{14} + 13 \cdot 37^{15} + 29 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 7, 1, 1, 2) = 18 \cdot 37^{12} + 2 \cdot 37^{13} + 13 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 28 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 7, 1, 1, 1, 1) = 26 \cdot 37^{12} + 6 \cdot 37^{13} + 29 \cdot 37^{14} + 14 \cdot 37^{15} + 4 \cdot 37^{16} + 32 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 6, 5) = 18 \cdot 37^{12} + 14 \cdot 37^{13} + 26 \cdot 37^{14} + 10 \cdot 37^{15} + 4 \cdot 37^{16} + 6 \cdot 37^{17} + 12 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 6, 4, 1) = 7 \cdot 37^{12} + 35 \cdot 37^{13} + 30 \cdot 37^{14} + 8 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 26 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 6, 3, 2) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 16 \cdot 37^{14} + 18 \cdot 37^{15} + 29 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 6, 3, 1, 1) = 35 \cdot 37^{12} + 21 \cdot 37^{13} + 14 \cdot 37^{14} + 4 \cdot 37^{15} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 2 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 6, 2, 3) = 18 \cdot 37^{12} + 24 \cdot 37^{13} + 5 \cdot 37^{14} + 36 \cdot 37^{15} + 31 \cdot 37^{16} + 32 \cdot 37^{17} + 21 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 6, 2, 2, 1) = 25 \cdot 37^{12} + 3 \cdot 37^{13} + 7 \cdot 37^{14} + 24 \cdot 37^{15} + 27 \cdot 37^{16} + 26 \cdot 37^{17} + 11 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 6, 2, 1, 2) = 36 \cdot 37^{12} + 36 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 13 \cdot 37^{16} + 8 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 6, 2, 1, 1, 1) = 4 \cdot 37^{12} + 20 \cdot 37^{14} + 5 \cdot 37^{15} + 3 \cdot 37^{16} + 34 \cdot 37^{17} + 33 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 6, 1, 4) = 17 \cdot 37^{12} + 29 \cdot 37^{14} + 30 \cdot 37^{15} + 6 \cdot 37^{16} + 11 \cdot 37^{17} + 7 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 6, 1, 3, 1) = 10 \cdot 37^{12} + 8 \cdot 37^{13} + 28 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 32 \cdot 37^{17} + 16 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 6, 1, 2, 2) = 6 \cdot 37^{12} + 30 \cdot 37^{13} + 2 \cdot 37^{14} + 30 \cdot 37^{15} + 36 \cdot 37^{16} + 3 \cdot 37^{17} + 35 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 6, 1, 2, 1, 1) = 34 \cdot 37^{12} + 8 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 29 \cdot 37^{16} + 16 \cdot 37^{17} + 28 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 6, 1, 1, 3) = 5 \cdot 37^{12} + 10 \cdot 37^{13} + 30 \cdot 37^{14} + 10 \cdot 37^{15} + 37^{16} + 31 \cdot 37^{17} + 6 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 6, 1, 1, 2, 1) = 15 \cdot 37^{12} + 29 \cdot 37^{13} + 32 \cdot 37^{14} + 25 \cdot 37^{15} + 18 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 6, 1, 1, 1, 2) = 7 \cdot 37^{12} + 35 \cdot 37^{13} + 11 \cdot 37^{14} + 10 \cdot 37^{15} + 23 \cdot 37^{16} + 13 \cdot 37^{17} + 33 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 6, 1, 1, 1, 1, 1) = 34 \cdot 37^{12} + 9 \cdot 37^{13} + 14 \cdot 37^{14} + 23 \cdot 37^{15} + 32 \cdot 37^{16} + 31 \cdot 37^{17} + 2 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 5, 6) = 24 \cdot 37^{12} + 6 \cdot 37^{13} + 7 \cdot 37^{14} + 27 \cdot 37^{15} + 31 \cdot 37^{16} + 18 \cdot 37^{17} + 34 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 5, 5, 1) = 9 \cdot 37^{12} + 25 \cdot 37^{13} + 23 \cdot 37^{14} + 25 \cdot 37^{15} + 13 \cdot 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 5, 4, 2) = 6 \cdot 37^{12} + 4 \cdot 37^{13} + 31 \cdot 37^{14} + 27 \cdot 37^{15} + 19 \cdot 37^{16} + 29 \cdot 37^{17} + 23 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 5, 4, 1, 1) = 14 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 6 \cdot 37^{15} + 37^{16} + 5 \cdot 37^{17} + 23 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 5, 3, 3) = 26 \cdot 37^{12} + 27 \cdot 37^{13} + 23 \cdot 37^{14} + 31 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 5, 3, 2, 1) = 25 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 36 \cdot 37^{16} + 17 \cdot 37^{17} + 5 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 5, 3, 1, 2) = 9 \cdot 37^{12} + 22 \cdot 37^{13} + 16 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 27 \cdot 37^{17} + 23 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 5, 3, 1, 1, 1) = 5 \cdot 37^{12} + 10 \cdot 37^{13} + 34 \cdot 37^{14} + 18 \cdot 37^{15} + 5 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 5, 2, 4) = 37^{12} + 37^{13} + 10 \cdot 37^{14} + 12 \cdot 37^{15} + 25 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 5, 2, 3, 1) = 2 \cdot 37^{12} + 13 \cdot 37^{13} + 7 \cdot 37^{14} + 25 \cdot 37^{15} + 26 \cdot 37^{16} + 4 \cdot 37^{17} + 13 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 5, 2, 2, 2) = 10 \cdot 37^{12} + 25 \cdot 37^{14} + 24 \cdot 37^{15} + 21 \cdot 37^{16} + 20 \cdot 37^{17} + 4 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 5, 2, 2, 1, 1) = 4 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 5, 2, 1, 3) = 17 \cdot 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 29 \cdot 37^{15} + 31 \cdot 37^{16} + 20 \cdot 37^{17} + 18 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 5, 2, 1, 2, 1) = 20 \cdot 37^{12} + 17 \cdot 37^{13} + 3 \cdot 37^{14} + 24 \cdot 37^{15} + 31 \cdot 37^{16} + 9 \cdot 37^{17} + 33 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 5, 2, 1, 1, 2) = 35 \cdot 37^{12} + 8 \cdot 37^{13} + 3 \cdot 37^{14} + 16 \cdot 37^{15} + 30 \cdot 37^{16} + 31 \cdot 37^{17} + 14 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 5, 2, 1, 1, 1, 1) = 28 \cdot 37^{12} + 29 \cdot 37^{13} + 31 \cdot 37^{14} + 37^{15} + 8 \cdot 37^{16} + 25 \cdot 37^{17} + 23 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 5, 1, 5) = 19 \cdot 37^{12} + 21 \cdot 37^{13} + 7 \cdot 37^{14} + 14 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 5, 1, 4, 1) = 14 \cdot 37^{12} + 37^{13} + 24 \cdot 37^{14} + 37^{15} + 25 \cdot 37^{16} + 15 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 5, 1, 3, 2) = 15 \cdot 37^{12} + 18 \cdot 37^{13} + 22 \cdot 37^{14} + 19 \cdot 37^{15} + 12 \cdot 37^{16} + 15 \cdot 37^{17} + 33 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 5, 1, 3, 1, 1) = 5 \cdot 37^{12} + 6 \cdot 37^{13} + 33 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 3 \cdot 37^{17} + 22 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 5, 1, 2, 3) = 36 \cdot 37^{12} + 27 \cdot 37^{13} + 3 \cdot 37^{14} + 20 \cdot 37^{15} + 23 \cdot 37^{16} + 10 \cdot 37^{17} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 5, 1, 2, 2, 1) = 24 \cdot 37^{12} + 5 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 17 \cdot 37^{16} + 23 \cdot 37^{17} + 26 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 5, 1, 2, 1, 2) = 36 \cdot 37^{12} + 20 \cdot 37^{13} + 31 \cdot 37^{14} + 29 \cdot 37^{15} + 18 \cdot 37^{16} + 36 \cdot 37^{17} + 33 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 5, 1, 2, 1, 1, 1) = 9 \cdot 37^{12} + 22 \cdot 37^{13} + 27 \cdot 37^{14} + 15 \cdot 37^{16} + 13 \cdot 37^{17} + 13 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 5, 1, 1, 4) = 11 \cdot 37^{13} + 5 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 14 \cdot 37^{17} + 13 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 5, 1, 1, 3, 1) = 8 \cdot 37^{12} + 12 \cdot 37^{13} + 27 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 22 \cdot 37^{17} + 31 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 5, 1, 1, 2, 2) = 21 \cdot 37^{12} + 15 \cdot 37^{13} + 33 \cdot 37^{14} + 27 \cdot 37^{15} + 25 \cdot 37^{16} + 26 \cdot 37^{17} + 14 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 5, 1, 1, 2, 1, 1) = 25 \cdot 37^{13} + 19 \cdot 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 18 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 5, 1, 1, 1, 3) = 2 \cdot 37^{12} + 18 \cdot 37^{13} + 5 \cdot 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 25 \cdot 37^{17} + 21 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 5, 1, 1, 1, 2, 1) = 16 \cdot 37^{12} + 4 \cdot 37^{13} + 14 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 5, 1, 1, 1, 1, 2) = 31 \cdot 37^{12} + 31 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 15 \cdot 37^{16} + 19 \cdot 37^{17} + 27 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 5, 1, 1, 1, 1, 1, 1) = 33 \cdot 37^{12} + 7 \cdot 37^{13} + 28 \cdot 37^{14} + 27 \cdot 37^{15} + 28 \cdot 37^{16} + 21 \cdot 37^{17} + 22 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 7) = 14 \cdot 37^{12} + 11 \cdot 37^{13} + 7 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 6, 1) = 17 \cdot 37^{12} + 5 \cdot 37^{13} + 25 \cdot 37^{14} + 34 \cdot 37^{15} + 11 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 5, 2) = 25 \cdot 37^{12} + 10 \cdot 37^{13} + 3 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 34 \cdot 37^{17} + 32 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 5, 1, 1) = 3 \cdot 37^{12} + 35 \cdot 37^{13} + 21 \cdot 37^{14} + 7 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 28 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 4, 3) = 35 \cdot 37^{12} + 9 \cdot 37^{13} + 20 \cdot 37^{14} + 36 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 10 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 4, 2, 1) = 9 \cdot 37^{12} + 14 \cdot 37^{13} + 33 \cdot 37^{14} + 26 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 4, 1, 2) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 8 \cdot 37^{15} + 36 \cdot 37^{16} + 6 \cdot 37^{17} + 2 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 4, 1, 1, 1) = 31 \cdot 37^{12} + 9 \cdot 37^{13} + 34 \cdot 37^{14} + 36 \cdot 37^{15} + 8 \cdot 37^{16} + 34 \cdot 37^{17} + 16 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 3, 4) = 25 \cdot 37^{12} + 4 \cdot 37^{13} + 27 \cdot 37^{14} + 35 \cdot 37^{15} + 34 \cdot 37^{17} + 34 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 3, 3, 1) = 10 \cdot 37^{13} + 8 \cdot 37^{14} + 31 \cdot 37^{15} + 10 \cdot 37^{16} + 8 \cdot 37^{17} + 5 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 3, 2, 2) = 28 \cdot 37^{12} + 12 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{17} + 25 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 3, 2, 1, 1) = 4 \cdot 37^{12} + 30 \cdot 37^{13} + 15 \cdot 37^{14} + 21 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 17 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 3, 1, 3) = 8 \cdot 37^{12} + 27 \cdot 37^{13} + 22 \cdot 37^{14} + 2 \cdot 37^{15} + 9 \cdot 37^{16} + 36 \cdot 37^{17} + 10 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 3, 1, 2, 1) = 3 \cdot 37^{12} + 3 \cdot 37^{13} + 25 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 29 \cdot 37^{17} + 5 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 3, 1, 1, 2) = 16 \cdot 37^{12} + 35 \cdot 37^{13} + 26 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 30 \cdot 37^{17} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 3, 1, 1, 1, 1) = 22 \cdot 37^{12} + 28 \cdot 37^{13} + 26 \cdot 37^{14} + 17 \cdot 37^{15} + 10 \cdot 37^{16} + 18 \cdot 37^{17} + 27 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 2, 5) = 24 \cdot 37^{12} + 37^{13} + 21 \cdot 37^{14} + 12 \cdot 37^{15} + 13 \cdot 37^{16} + 22 \cdot 37^{17} + 36 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 2, 4, 1) = 36 \cdot 37^{12} + 11 \cdot 37^{13} + 9 \cdot 37^{15} + 30 \cdot 37^{16} + 11 \cdot 37^{17} + 17 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 2, 3, 2) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 36 \cdot 37^{14} + 32 \cdot 37^{15} + 3 \cdot 37^{16} + 29 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 2, 3, 1, 1) = 35 \cdot 37^{12} + 4 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 9 \cdot 37^{16} + 30 \cdot 37^{17} + 4 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 2, 2, 3) = 6 \cdot 37^{12} + 31 \cdot 37^{13} + 33 \cdot 37^{14} + 21 \cdot 37^{15} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 8 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 2, 2, 2, 1) = 25 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 7 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 36 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 2, 2, 1, 2) = 24 \cdot 37^{12} + 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 5 \cdot 37^{16} + 16 \cdot 37^{17} + 12 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 2, 2, 1, 1, 1) = 23 \cdot 37^{12} + 7 \cdot 37^{13} + 3 \cdot 37^{14} + 7 \cdot 37^{15} + 20 \cdot 37^{16} + 12 \cdot 37^{17} + 5 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 2, 1, 4) = 27 \cdot 37^{12} + 30 \cdot 37^{13} + 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 2, 1, 3, 1) = 28 \cdot 37^{12} + 12 \cdot 37^{13} + 11 \cdot 37^{14} + 9 \cdot 37^{15} + 10 \cdot 37^{16} + 10 \cdot 37^{17} + 3 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 2, 1, 2, 2) = 4 \cdot 37^{12} + 25 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 20 \cdot 37^{16} + 34 \cdot 37^{17} + 16 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 2, 1, 2, 1, 1) = 11 \cdot 37^{12} + 34 \cdot 37^{13} + 11 \cdot 37^{14} + 30 \cdot 37^{15} + 21 \cdot 37^{16} + 3 \cdot 37^{17} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 2, 1, 1, 3) = 9 \cdot 37^{12} + 16 \cdot 37^{13} + 10 \cdot 37^{14} + 33 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 11 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 2, 1, 1, 2, 1) = 6 \cdot 37^{12} + 8 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 3 \cdot 37^{17} + 8 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 2, 1, 1, 1, 2) = 27 \cdot 37^{12} + 32 \cdot 37^{13} + 22 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 12 \cdot 37^{17} + 4 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 2, 1, 1, 1, 1, 1) = 27 \cdot 37^{12} + 18 \cdot 37^{13} + 11 \cdot 37^{14} + 34 \cdot 37^{15} + 35 \cdot 37^{16} + 12 \cdot 37^{17} + 19 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 6) = 20 \cdot 37^{12} + 10 \cdot 37^{13} + 20 \cdot 37^{14} + 30 \cdot 37^{15} + 2 \cdot 37^{16} + 23 \cdot 37^{17} + 13 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 5, 1) = 22 \cdot 37^{12} + 4 \cdot 37^{13} + 35 \cdot 37^{14} + 12 \cdot 37^{15} + 37^{16} + 16 \cdot 37^{17} + 4 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 4, 2) = 15 \cdot 37^{12} + 24 \cdot 37^{13} + 7 \cdot 37^{14} + 4 \cdot 37^{15} + 25 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 4, 1, 1) = 20 \cdot 37^{12} + 26 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 22 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 3, 3) = 6 \cdot 37^{12} + 6 \cdot 37^{13} + 24 \cdot 37^{14} + 9 \cdot 37^{15} + 12 \cdot 37^{16} + 24 \cdot 37^{17} + 11 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 3, 2, 1) = 6 \cdot 37^{12} + 23 \cdot 37^{13} + 10 \cdot 37^{14} + 3 \cdot 37^{15} + 19 \cdot 37^{16} + 8 \cdot 37^{17} + 17 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 3, 1, 2) = 7 \cdot 37^{12} + 13 \cdot 37^{13} + 25 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 16 \cdot 37^{17} + 11 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 3, 1, 1, 1) = 6 \cdot 37^{12} + 11 \cdot 37^{13} + 12 \cdot 37^{14} + 25 \cdot 37^{15} + 6 \cdot 37^{16} + 26 \cdot 37^{17} + 33 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 2, 4) = 4 \cdot 37^{12} + 8 \cdot 37^{13} + 20 \cdot 37^{14} + 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 2, 3, 1) = 7 \cdot 37^{12} + 35 \cdot 37^{13} + 14 \cdot 37^{15} + 22 \cdot 37^{17} + 12 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 2, 2, 2) = 30 \cdot 37^{12} + 22 \cdot 37^{13} + 15 \cdot 37^{14} + 2 \cdot 37^{15} + 6 \cdot 37^{16} + 19 \cdot 37^{17} + 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 2, 2, 1, 1) = 9 \cdot 37^{12} + 12 \cdot 37^{13} + 5 \cdot 37^{14} + 15 \cdot 37^{15} + 32 \cdot 37^{16} + 37^{17} + 18 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 2, 1, 3) = 10 \cdot 37^{12} + 37^{13} + 8 \cdot 37^{14} + 5 \cdot 37^{15} + 15 \cdot 37^{16} + 28 \cdot 37^{17} + 4 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 2, 1, 2, 1) = 8 \cdot 37^{12} + 18 \cdot 37^{13} + 29 \cdot 37^{14} + 34 \cdot 37^{15} + 34 \cdot 37^{16} + 22 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 2, 1, 1, 2) = 12 \cdot 37^{12} + 29 \cdot 37^{13} + 24 \cdot 37^{14} + 29 \cdot 37^{15} + 4 \cdot 37^{16} + 24 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 2, 1, 1, 1, 1) = 30 \cdot 37^{12} + 20 \cdot 37^{13} + 36 \cdot 37^{14} + 7 \cdot 37^{15} + 4 \cdot 37^{16} + 21 \cdot 37^{17} + 16 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 5) = 13 \cdot 37^{12} + 19 \cdot 37^{13} + 25 \cdot 37^{14} + 30 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 26 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 4, 1) = 21 \cdot 37^{12} + 2 \cdot 37^{13} + 4 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 31 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 3, 2) = 33 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{14} + 27 \cdot 37^{15} + 12 \cdot 37^{16} + 9 \cdot 37^{17} + 26 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 3, 1, 1) = 11 \cdot 37^{12} + 37^{13} + 12 \cdot 37^{14} + 17 \cdot 37^{15} + 23 \cdot 37^{16} + 23 \cdot 37^{17} + 27 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 2, 3) = 28 \cdot 37^{12} + 31 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 28 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 2, 2, 1) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 29 \cdot 37^{14} + 33 \cdot 37^{15} + 11 \cdot 37^{16} + 34 \cdot 37^{17} + 15 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 2, 1, 2) = 12 \cdot 37^{12} + 32 \cdot 37^{13} + 32 \cdot 37^{14} + 33 \cdot 37^{15} + 26 \cdot 37^{16} + 27 \cdot 37^{17} + 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 2, 1, 1, 1) = 26 \cdot 37^{12} + 27 \cdot 37^{13} + 19 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 24 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 4) = 9 \cdot 37^{12} + 24 \cdot 37^{13} + 4 \cdot 37^{14} + 10 \cdot 37^{15} + 6 \cdot 37^{16} + 31 \cdot 37^{17} + 26 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 3, 1) = 12 \cdot 37^{12} + 15 \cdot 37^{13} + 32 \cdot 37^{14} + 9 \cdot 37^{15} + 5 \cdot 37^{16} + 8 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 2, 2) = 21 \cdot 37^{12} + 30 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{15} + 15 \cdot 37^{16} + 20 \cdot 37^{17} + 32 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 2, 1, 1) = 26 \cdot 37^{12} + 12 \cdot 37^{13} + 25 \cdot 37^{14} + 9 \cdot 37^{15} + 19 \cdot 37^{16} + 5 \cdot 37^{17} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 3) = 5 \cdot 37^{12} + 10 \cdot 37^{13} + 30 \cdot 37^{14} + 10 \cdot 37^{15} + 37^{16} + 31 \cdot 37^{17} + 6 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 2, 1) = 4 \cdot 37^{12} + 13 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 35 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 1, 2) = 36 \cdot 37^{12} + 27 \cdot 37^{13} + 33 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 13 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 4, 1, 1, 1, 1, 1, 1, 1) = 36 \cdot 37^{12} + 21 \cdot 37^{13} + 14 \cdot 37^{14} + 15 \cdot 37^{15} + 4 \cdot 37^{16} + 15 \cdot 37^{17} + 31 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 8) = 24 \cdot 37^{12} + 33 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 11 \cdot 37^{16} + 29 \cdot 37^{17} + 36 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 7, 1) = 30 \cdot 37^{12} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 26 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 6, 2) = 18 \cdot 37^{12} + 22 \cdot 37^{13} + 17 \cdot 37^{14} + 23 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 6, 1, 1) = 2 \cdot 37^{12} + 4 \cdot 37^{13} + 29 \cdot 37^{14} + 11 \cdot 37^{15} + 23 \cdot 37^{16} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 5, 3) = 22 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 27 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 5, 2, 1) = 26 \cdot 37^{12} + 4 \cdot 37^{13} + 20 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 19 \cdot 37^{17} + 25 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 5, 1, 2) = 14 \cdot 37^{12} + 32 \cdot 37^{13} + 31 \cdot 37^{14} + 32 \cdot 37^{15} + 19 \cdot 37^{16} + 20 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 5, 1, 1, 1) = 15 \cdot 37^{12} + 13 \cdot 37^{13} + 10 \cdot 37^{14} + 26 \cdot 37^{15} + 22 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 4, 4) = 18 \cdot 37^{12} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 4 \cdot 37^{16} + 2 \cdot 37^{17} + 33 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 4, 3, 1) = 12 \cdot 37^{12} + 30 \cdot 37^{13} + 22 \cdot 37^{14} + 17 \cdot 37^{15} + 26 \cdot 37^{16} + 24 \cdot 37^{17} + 32 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 4, 2, 2) = 11 \cdot 37^{12} + 23 \cdot 37^{13} + 16 \cdot 37^{14} + 34 \cdot 37^{15} + 13 \cdot 37^{16} + 3 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 4, 2, 1, 1) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 4 \cdot 37^{14} + 6 \cdot 37^{15} + 16 \cdot 37^{16} + 14 \cdot 37^{17} + 14 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 4, 1, 3) = 10 \cdot 37^{12} + 15 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{16} + 13 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 4, 1, 2, 1) = 37^{12} + 26 \cdot 37^{13} + 20 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 4, 1, 1, 2) = 11 \cdot 37^{12} + 16 \cdot 37^{13} + 3 \cdot 37^{14} + 24 \cdot 37^{15} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 22 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 4, 1, 1, 1, 1) = 31 \cdot 37^{12} + 18 \cdot 37^{13} + 16 \cdot 37^{14} + 32 \cdot 37^{15} + 22 \cdot 37^{16} + 24 \cdot 37^{17} + 8 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 3, 5) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 20 \cdot 37^{14} + 22 \cdot 37^{15} + 30 \cdot 37^{16} + 13 \cdot 37^{17} + 2 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 3, 4, 1) = 26 \cdot 37^{12} + 28 \cdot 37^{13} + 17 \cdot 37^{14} + 4 \cdot 37^{15} + 36 \cdot 37^{16} + 5 \cdot 37^{17} + 10 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 3, 3, 2) = 19 \cdot 37^{12} + 29 \cdot 37^{13} + 33 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 3 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 3, 3, 1, 1) = 15 \cdot 37^{12} + 18 \cdot 37^{13} + 7 \cdot 37^{14} + 36 \cdot 37^{15} + 4 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 3, 2, 3) = 15 \cdot 37^{12} + 2 \cdot 37^{13} + 2 \cdot 37^{14} + 27 \cdot 37^{15} + 34 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 3, 2, 2, 1) = 32 \cdot 37^{12} + 31 \cdot 37^{13} + 6 \cdot 37^{14} + 10 \cdot 37^{15} + 8 \cdot 37^{16} + 19 \cdot 37^{17} + 27 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 3, 2, 1, 2) = 12 \cdot 37^{12} + 19 \cdot 37^{13} + 5 \cdot 37^{14} + 3 \cdot 37^{15} + 11 \cdot 37^{16} + 3 \cdot 37^{17} + 4 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 3, 2, 1, 1, 1) = 23 \cdot 37^{12} + 18 \cdot 37^{13} + 22 \cdot 37^{14} + 25 \cdot 37^{15} + 19 \cdot 37^{16} + 28 \cdot 37^{17} + 33 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 3, 1, 4) = 13 \cdot 37^{12} + 26 \cdot 37^{13} + 16 \cdot 37^{14} + 27 \cdot 37^{15} + 37^{16} + 4 \cdot 37^{17} + 28 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 3, 1, 3, 1) = 31 \cdot 37^{12} + 33 \cdot 37^{13} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 4 \cdot 37^{16} + 14 \cdot 37^{17} + 26 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 3, 1, 2, 2) = 28 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 23 \cdot 37^{16} + 37^{17} + 7 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 3, 1, 2, 1, 1) = 24 \cdot 37^{12} + 3 \cdot 37^{13} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 12 \cdot 37^{16} + 19 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 3, 1, 1, 3) = 10 \cdot 37^{12} + 37^{13} + 8 \cdot 37^{14} + 5 \cdot 37^{15} + 15 \cdot 37^{16} + 28 \cdot 37^{17} + 4 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 3, 1, 1, 2, 1) = 18 \cdot 37^{12} + 25 \cdot 37^{13} + 23 \cdot 37^{14} + 27 \cdot 37^{15} + 3 \cdot 37^{16} + 20 \cdot 37^{17} + 11 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 3, 1, 1, 1, 2) = 25 \cdot 37^{12} + 10 \cdot 37^{13} + 5 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 25 \cdot 37^{17} + 15 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 3, 1, 1, 1, 1, 1) = 16 \cdot 37^{12} + 20 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 23 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 6) = 29 \cdot 37^{12} + 29 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 37^{16} + 37^{17} + 31 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 5, 1) = 20 \cdot 37^{12} + 34 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 15 \cdot 37^{16} + 8 \cdot 37^{17} + 20 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 4, 2) = 32 \cdot 37^{12} + 18 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 4, 1, 1) = 11 \cdot 37^{12} + 32 \cdot 37^{13} + 18 \cdot 37^{14} + 30 \cdot 37^{15} + 10 \cdot 37^{16} + 3 \cdot 37^{17} + 23 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 3, 3) = 8 \cdot 37^{12} + 27 \cdot 37^{13} + 10 \cdot 37^{14} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 20 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 3, 2, 1) = 3 \cdot 37^{12} + 3 \cdot 37^{13} + 8 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 31 \cdot 37^{17} + 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 3, 1, 2) = 33 \cdot 37^{12} + 5 \cdot 37^{13} + 2 \cdot 37^{14} + 29 \cdot 37^{15} + 28 \cdot 37^{16} + 6 \cdot 37^{17} + 22 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 3, 1, 1, 1) = 33 \cdot 37^{12} + 36 \cdot 37^{13} + 18 \cdot 37^{14} + 8 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 16 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 2, 4) = 26 \cdot 37^{12} + 36 \cdot 37^{13} + 7 \cdot 37^{14} + 6 \cdot 37^{15} + 36 \cdot 37^{16} + 27 \cdot 37^{17} + 25 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 2, 3, 1) = 23 \cdot 37^{12} + 27 \cdot 37^{13} + 24 \cdot 37^{14} + 30 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 23 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 2, 2, 2) = 7 \cdot 37^{12} + 19 \cdot 37^{13} + 26 \cdot 37^{14} + 27 \cdot 37^{15} + 12 \cdot 37^{16} + 22 \cdot 37^{17} + 26 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 2, 2, 1, 1) = 10 \cdot 37^{12} + 10 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 19 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 2, 1, 3) = 16 \cdot 37^{12} + 5 \cdot 37^{13} + 9 \cdot 37^{14} + 25 \cdot 37^{15} + 12 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 2, 1, 2, 1) = 25 \cdot 37^{12} + 30 \cdot 37^{13} + 25 \cdot 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 32 \cdot 37^{17} + 3 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 2, 1, 1, 2) = 31 \cdot 37^{12} + 13 \cdot 37^{13} + 19 \cdot 37^{14} + 33 \cdot 37^{15} + 18 \cdot 37^{16} + 5 \cdot 37^{17} + 19 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 2, 1, 1, 1, 1) = 33 \cdot 37^{12} + 11 \cdot 37^{13} + 20 \cdot 37^{14} + 34 \cdot 37^{15} + 21 \cdot 37^{16} + 22 \cdot 37^{17} + 30 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 5) = 30 \cdot 37^{13} + 4 \cdot 37^{14} + 21 \cdot 37^{15} + 16 \cdot 37^{16} + 4 \cdot 37^{17} + 4 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 4, 1) = 6 \cdot 37^{12} + 12 \cdot 37^{13} + 23 \cdot 37^{14} + 18 \cdot 37^{15} + 14 \cdot 37^{16} + 37^{17} + 31 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 3, 2) = 12 \cdot 37^{12} + 8 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 24 \cdot 37^{16} + 7 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 3, 1, 1) = 7 \cdot 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 31 \cdot 37^{15} + 9 \cdot 37^{16} + 10 \cdot 37^{17} + 27 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 2, 3) = 15 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 29 \cdot 37^{15} + 37^{16} + 30 \cdot 37^{17} + 33 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 2, 2, 1) = 9 \cdot 37^{12} + 9 \cdot 37^{13} + 8 \cdot 37^{14} + 15 \cdot 37^{15} + 17 \cdot 37^{17} + 32 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 2, 1, 2) = 27 \cdot 37^{12} + 26 \cdot 37^{13} + 31 \cdot 37^{14} + 26 \cdot 37^{15} + 7 \cdot 37^{17} + 24 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 2, 1, 1, 1) = 20 \cdot 37^{12} + 24 \cdot 37^{13} + 2 \cdot 37^{14} + 26 \cdot 37^{15} + 15 \cdot 37^{16} + 31 \cdot 37^{17} + 30 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 4) = 25 \cdot 37^{12} + 12 \cdot 37^{13} + 12 \cdot 37^{14} + 6 \cdot 37^{15} + 17 \cdot 37^{16} + 26 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 3, 1) = 30 \cdot 37^{12} + 11 \cdot 37^{13} + 31 \cdot 37^{14} + 6 \cdot 37^{15} + 3 \cdot 37^{16} + 8 \cdot 37^{17} + 23 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 2, 2) = 21 \cdot 37^{12} + 33 \cdot 37^{13} + 9 \cdot 37^{14} + 2 \cdot 37^{15} + 20 \cdot 37^{16} + 4 \cdot 37^{17} + 29 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 2, 1, 1) = 8 \cdot 37^{12} + 21 \cdot 37^{13} + 11 \cdot 37^{14} + 5 \cdot 37^{15} + 21 \cdot 37^{16} + 6 \cdot 37^{17} + 22 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
 \zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 3) = 17 \cdot 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 29 \cdot 37^{15} + 31 \cdot 37^{16} + 20 \cdot 37^{17} + 18 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 2, 1) = 13 \cdot 37^{12} + 5 \cdot 37^{13} + 29 \cdot 37^{14} + 7 \cdot 37^{15} + 16 \cdot 37^{16} + 11 \cdot 37^{17} + 27 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 1, 2) = 24 \cdot 37^{12} + 9 \cdot 37^{13} + 32 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 31 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 2, 1, 1, 1, 1, 1, 1) = 22 \cdot 37^{13} + 15 \cdot 37^{14} + 9 \cdot 37^{15} + 18 \cdot 37^{16} + 28 \cdot 37^{17} + 33 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 7) = 31 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 6, 1) = 4 \cdot 37^{12} + 9 \cdot 37^{13} + 6 \cdot 37^{14} + 33 \cdot 37^{15} + 35 \cdot 37^{16} + 35 \cdot 37^{17} + 34 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 5, 2) = 22 \cdot 37^{12} + 14 \cdot 37^{13} + 15 \cdot 37^{14} + 31 \cdot 37^{15} + 14 \cdot 37^{16} + 23 \cdot 37^{17} + 17 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 5, 1, 1) = 24 \cdot 37^{12} + 20 \cdot 37^{13} + 35 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 16 \cdot 37^{17} + 31 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 4, 3) = 37^{12} + 28 \cdot 37^{13} + 6 \cdot 37^{14} + 34 \cdot 37^{15} + 9 \cdot 37^{16} + 26 \cdot 37^{17} + 16 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 4, 2, 1) = 6 \cdot 37^{12} + 7 \cdot 37^{13} + 7 \cdot 37^{14} + 19 \cdot 37^{15} + 11 \cdot 37^{16} + 9 \cdot 37^{17} + 11 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 4, 1, 2) = 28 \cdot 37^{12} + 2 \cdot 37^{13} + 12 \cdot 37^{14} + 7 \cdot 37^{15} + 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 4, 1, 1, 1) = 37^{12} + 4 \cdot 37^{13} + 22 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{16} + 4 \cdot 37^{17} + 8 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 3, 4) = 31 \cdot 37^{12} + 21 \cdot 37^{13} + 26 \cdot 37^{14} + 30 \cdot 37^{15} + 10 \cdot 37^{16} + 8 \cdot 37^{17} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 3, 3, 1) = 26 \cdot 37^{12} + 12 \cdot 37^{13} + 6 \cdot 37^{14} + 10 \cdot 37^{15} + 7 \cdot 37^{16} + 12 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 3, 2, 2) = 37^{12} + 29 \cdot 37^{13} + 18 \cdot 37^{14} + 19 \cdot 37^{15} + 6 \cdot 37^{16} + 14 \cdot 37^{17} + 4 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 3, 2, 1, 1) = 23 \cdot 37^{12} + 16 \cdot 37^{13} + 20 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 22 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 3, 1, 3) = O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 3, 1, 2, 1) = 21 \cdot 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 2 \cdot 37^{15} + 14 \cdot 37^{16} + 28 \cdot 37^{17} + 18 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 3, 1, 1, 2) = 18 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 25 \cdot 37^{15} + 37^{16} + 13 \cdot 37^{17} + 35 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 3, 1, 1, 1, 1) = 12 \cdot 37^{12} + 16 \cdot 37^{13} + 5 \cdot 37^{14} + 32 \cdot 37^{15} + 27 \cdot 37^{16} + 20 \cdot 37^{17} + 13 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 5) = 14 \cdot 37^{12} + 15 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 3 \cdot 37^{16} + 20 \cdot 37^{17} + 6 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 4, 1) = 2 \cdot 37^{12} + 6 \cdot 37^{13} + 36 \cdot 37^{14} + 18 \cdot 37^{15} + 36 \cdot 37^{16} + 34 \cdot 37^{17} + 10 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 3, 2) = 35 \cdot 37^{12} + 25 \cdot 37^{13} + 2 \cdot 37^{14} + 5 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 3, 1, 1) = 18 \cdot 37^{12} + 2 \cdot 37^{13} + 29 \cdot 37^{14} + 2 \cdot 37^{15} + 6 \cdot 37^{16} + 31 \cdot 37^{17} + 15 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 2, 3) = 28 \cdot 37^{12} + 23 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 37^{17} + 10 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 2, 2, 1) = 24 \cdot 37^{13} + 22 \cdot 37^{14} + 19 \cdot 37^{15} + 23 \cdot 37^{16} + 9 \cdot 37^{17} + 7 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 2, 1, 2) = 4 \cdot 37^{12} + 15 \cdot 37^{13} + 8 \cdot 37^{14} + 12 \cdot 37^{15} + 21 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 2, 1, 1, 1) = 4 \cdot 37^{12} + 28 \cdot 37^{13} + 14 \cdot 37^{14} + 12 \cdot 37^{15} + 3 \cdot 37^{16} + 9 \cdot 37^{17} + 36 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 4) = 5 \cdot 37^{12} + 36 \cdot 37^{13} + 32 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 3, 1) = 36 \cdot 37^{12} + 7 \cdot 37^{13} + 19 \cdot 37^{14} + 36 \cdot 37^{15} + 13 \cdot 37^{16} + 14 \cdot 37^{17} + 35 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 2, 2) = 4 \cdot 37^{12} + 5 \cdot 37^{13} + 13 \cdot 37^{14} + 32 \cdot 37^{15} + 11 \cdot 37^{16} + 12 \cdot 37^{17} + 28 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 2, 1, 1) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 15 \cdot 37^{14} + 16 \cdot 37^{15} + 21 \cdot 37^{17} + 24 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 3) = 8 \cdot 37^{12} + 27 \cdot 37^{13} + 22 \cdot 37^{14} + 2 \cdot 37^{15} + 9 \cdot 37^{16} + 36 \cdot 37^{17} + 10 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
 \zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 2, 1) = 34 \cdot 37^{12} + 29 \cdot 37^{13} + 13 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 34 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
 \end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 1, 2) = 28 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 16 \cdot 37^{16} + 35 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 2, 1, 1, 1, 1, 1) = 22 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 24 \cdot 37^{16} + 28 \cdot 37^{17} + 31 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 6) = 25 \cdot 37^{12} + 13 \cdot 37^{13} + 7 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 5, 1) = 37^{12} + 26 \cdot 37^{13} + 7 \cdot 37^{14} + 30 \cdot 37^{15} + 35 \cdot 37^{16} + 36 \cdot 37^{17} + 12 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 4, 2) = 3 \cdot 37^{12} + 17 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 2 \cdot 37^{16} + 8 \cdot 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 4, 1, 1) = 32 \cdot 37^{12} + 20 \cdot 37^{13} + 36 \cdot 37^{14} + 33 \cdot 37^{15} + 6 \cdot 37^{16} + 36 \cdot 37^{17} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 3, 3) = 3 \cdot 37^{12} + 14 \cdot 37^{13} + 20 \cdot 37^{14} + 3 \cdot 37^{15} + 10 \cdot 37^{16} + 27 \cdot 37^{17} + 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 3, 2, 1) = 33 \cdot 37^{12} + 12 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 24 \cdot 37^{16} + 9 \cdot 37^{17} + 31 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 3, 1, 2) = 31 \cdot 37^{12} + 13 \cdot 37^{14} + 36 \cdot 37^{15} + 23 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 3, 1, 1, 1) = 16 \cdot 37^{13} + 35 \cdot 37^{15} + 11 \cdot 37^{16} + 16 \cdot 37^{17} + 24 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 4) = 19 \cdot 37^{12} + 27 \cdot 37^{13} + 3 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 3, 1) = 15 \cdot 37^{12} + 22 \cdot 37^{13} + 28 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 9 \cdot 37^{17} + 7 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 2, 2) = 29 \cdot 37^{12} + 4 \cdot 37^{13} + 9 \cdot 37^{14} + 12 \cdot 37^{15} + 28 \cdot 37^{16} + 24 \cdot 37^{17} + 34 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 2, 1, 1) = 29 \cdot 37^{12} + 20 \cdot 37^{13} + 2 \cdot 37^{14} + 28 \cdot 37^{15} + 35 \cdot 37^{16} + 14 \cdot 37^{17} + 16 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 3) = 10 \cdot 37^{12} + 15 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 18 \cdot 37^{16} + 13 \cdot 37^{17} + 19 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 2, 1) = 6 \cdot 37^{12} + 17 \cdot 37^{13} + 15 \cdot 37^{14} + 5 \cdot 37^{16} + 25 \cdot 37^{17} + 34 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 1, 2) = 8 \cdot 37^{12} + 6 \cdot 37^{13} + 22 \cdot 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 17 \cdot 37^{17} + 14 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 2, 1, 1, 1, 1) = 2 \cdot 37^{12} + 19 \cdot 37^{13} + 35 \cdot 37^{14} + 19 \cdot 37^{15} + 34 \cdot 37^{17} + 21 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 5) = 34 \cdot 37^{12} + 13 \cdot 37^{13} + 29 \cdot 37^{14} + 37^{15} + 9 \cdot 37^{16} + 22 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 4, 1) = 4 \cdot 37^{12} + 13 \cdot 37^{14} + 2 \cdot 37^{15} + 34 \cdot 37^{16} + 12 \cdot 37^{17} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 3, 2) = 14 \cdot 37^{12} + 22 \cdot 37^{13} + 19 \cdot 37^{14} + 5 \cdot 37^{15} + 32 \cdot 37^{16} + 3 \cdot 37^{17} + 31 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 3, 1, 1) = 8 \cdot 37^{12} + 12 \cdot 37^{13} + 29 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 30 \cdot 37^{17} + 29 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 3) = 15 \cdot 37^{13} + 8 \cdot 37^{14} + 15 \cdot 37^{15} + 16 \cdot 37^{16} + 18 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 2, 1) = 36 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{14} + 12 \cdot 37^{15} + 2 \cdot 37^{16} + 11 \cdot 37^{17} + 34 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 1, 2) = 22 \cdot 37^{12} + 3 \cdot 37^{13} + 6 \cdot 37^{14} + 13 \cdot 37^{15} + 23 \cdot 37^{16} + 25 \cdot 37^{17} + 6 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 2, 1, 1, 1) = 26 \cdot 37^{12} + 16 \cdot 37^{13} + 35 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 19 \cdot 37^{17} + 23 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 4) = 15 \cdot 37^{12} + 10 \cdot 37^{13} + 6 \cdot 37^{14} + 15 \cdot 37^{15} + 7 \cdot 37^{16} + 37^{17} + 24 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 3, 1) = 21 \cdot 37^{12} + 17 \cdot 37^{13} + 20 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 15 \cdot 37^{17} + 22 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 2, 2) = 27 \cdot 37^{12} + 15 \cdot 37^{13} + 7 \cdot 37^{14} + 12 \cdot 37^{15} + 2 \cdot 37^{16} + 25 \cdot 37^{17} + 9 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 37^{12} + 17 \cdot 37^{13} + 32 \cdot 37^{14} + 4 \cdot 37^{15} + 13 \cdot 37^{16} + 32 \cdot 37^{17} + 30 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 3) = 36 \cdot 37^{12} + 20 \cdot 37^{13} + 4 \cdot 37^{14} + 36 \cdot 37^{15} + 5 \cdot 37^{16} + 19 \cdot 37^{17} + 30 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 2, 1) = 3 \cdot 37^{12} + 28 \cdot 37^{13} + 23 \cdot 37^{14} + 35 \cdot 37^{15} + 26 \cdot 37^{16} + 28 \cdot 37^{17} + 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 1, 2) = 31 \cdot 37^{12} + 23 \cdot 37^{13} + 37^{15} + 16 \cdot 37^{16} + 2 \cdot 37^{17} + 27 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 3, 1, 1, 1, 1, 1, 1, 1, 1) = 9 \cdot 37^{12} + 20 \cdot 37^{13} + 17 \cdot 37^{14} + 37^{15} + 30 \cdot 37^{16} + 26 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 9) = 7 \cdot 37^{12} + 30 \cdot 37^{13} + 16 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 8, 1) = 3 \cdot 37^{12} + 36 \cdot 37^{13} + 5 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 28 \cdot 37^{17} + 11 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 7, 2) = 17 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 3 \cdot 37^{17} + 33 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 7, 1, 1) = 32 \cdot 37^{12} + 12 \cdot 37^{13} + 8 \cdot 37^{14} + 24 \cdot 37^{15} + 34 \cdot 37^{16} + 11 \cdot 37^{17} + 19 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 6, 3) = 9 \cdot 37^{12} + 15 \cdot 37^{13} + 5 \cdot 37^{15} + 17 \cdot 37^{16} + 8 \cdot 37^{17} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 6, 2, 1) = 6 \cdot 37^{12} + 29 \cdot 37^{13} + 8 \cdot 37^{14} + 4 \cdot 37^{15} + 33 \cdot 37^{16} + 19 \cdot 37^{17} + 36 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 6, 1, 2) = 8 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{14} + 23 \cdot 37^{15} + 9 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 6, 1, 1, 1) = 3 \cdot 37^{12} + 22 \cdot 37^{13} + 37^{14} + 21 \cdot 37^{15} + 3 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 5, 4) = 3 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 36 \cdot 37^{15} + 19 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 5, 3, 1) = 3 \cdot 37^{12} + 9 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 37^{16} + 17 \cdot 37^{17} + 5 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 5, 2, 2) = 13 \cdot 37^{12} + 17 \cdot 37^{13} + 6 \cdot 37^{14} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 20 \cdot 37^{17} + 7 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 5, 2, 1, 1) = 2 \cdot 37^{12} + 16 \cdot 37^{13} + 3 \cdot 37^{14} + 17 \cdot 37^{15} + 6 \cdot 37^{16} + 16 \cdot 37^{17} + 11 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 5, 1, 3) = 15 \cdot 37^{13} + 8 \cdot 37^{14} + 15 \cdot 37^{15} + 16 \cdot 37^{16} + 18 \cdot 37^{17} + 28 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 5, 1, 2, 1) = 3 \cdot 37^{12} + 20 \cdot 37^{14} + 3 \cdot 37^{15} + 32 \cdot 37^{16} + 22 \cdot 37^{17} + 22 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 5, 1, 1, 2) = 18 \cdot 37^{12} + 3 \cdot 37^{13} + 15 \cdot 37^{14} + 15 \cdot 37^{15} + 8 \cdot 37^{16} + 12 \cdot 37^{17} + 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 5, 1, 1, 1, 1) = 19 \cdot 37^{12} + 37^{13} + 22 \cdot 37^{14} + 29 \cdot 37^{15} + 10 \cdot 37^{16} + 15 \cdot 37^{17} + 16 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 4, 5) = 2 \cdot 37^{12} + 13 \cdot 37^{13} + 21 \cdot 37^{14} + 29 \cdot 37^{15} + 10 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 4, 4, 1) = 32 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 12 \cdot 37^{16} + 24 \cdot 37^{17} + 26 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 4, 3, 2) = 8 \cdot 37^{12} + 16 \cdot 37^{13} + 23 \cdot 37^{14} + 33 \cdot 37^{15} + 34 \cdot 37^{17} + 11 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 4, 3, 1, 1) = 25 \cdot 37^{12} + 5 \cdot 37^{13} + 13 \cdot 37^{14} + 3 \cdot 37^{15} + 5 \cdot 37^{16} + 36 \cdot 37^{17} + 10 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 4, 2, 3) = 28 \cdot 37^{12} + 25 \cdot 37^{13} + 7 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 32 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 4, 2, 2, 1) = 11 \cdot 37^{12} + 32 \cdot 37^{13} + 19 \cdot 37^{14} + 3 \cdot 37^{15} + 4 \cdot 37^{16} + 20 \cdot 37^{17} + 22 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 4, 2, 1, 2) = 21 \cdot 37^{12} + 26 \cdot 37^{13} + 3 \cdot 37^{14} + 14 \cdot 37^{15} + 17 \cdot 37^{16} + 19 \cdot 37^{17} + 21 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 4, 2, 1, 1, 1) = 34 \cdot 37^{12} + 7 \cdot 37^{13} + 13 \cdot 37^{14} + 2 \cdot 37^{15} + 17 \cdot 37^{16} + 27 \cdot 37^{17} + 15 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 4, 1, 4) = 31 \cdot 37^{12} + 13 \cdot 37^{13} + 36 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 4, 1, 3, 1) = 27 \cdot 37^{12} + 14 \cdot 37^{13} + 31 \cdot 37^{14} + 12 \cdot 37^{15} + 29 \cdot 37^{16} + 10 \cdot 37^{17} + 18 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 4, 1, 2, 2) = 5 \cdot 37^{12} + 36 \cdot 37^{13} + 15 \cdot 37^{14} + 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 5 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 4, 1, 2, 1, 1) = 27 \cdot 37^{12} + 5 \cdot 37^{13} + 21 \cdot 37^{15} + 7 \cdot 37^{16} + 34 \cdot 37^{17} + 22 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 4, 1, 1, 3) = 28 \cdot 37^{12} + 31 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 28 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 4, 1, 1, 2, 1) = 7 \cdot 37^{12} + 14 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 32 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 4, 1, 1, 1, 2) = 32 \cdot 37^{12} + 23 \cdot 37^{13} + 36 \cdot 37^{14} + 30 \cdot 37^{15} + 33 \cdot 37^{16} + 34 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 4, 1, 1, 1, 1, 1) = 20 \cdot 37^{12} + 31 \cdot 37^{13} + 27 \cdot 37^{14} + 7 \cdot 37^{15} + 34 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 6) = 30 \cdot 37^{12} + 14 \cdot 37^{13} + 27 \cdot 37^{14} + 32 \cdot 37^{15} + 12 \cdot 37^{16} + 37^{17} + 2 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 5, 1) = 25 \cdot 37^{12} + 36 \cdot 37^{13} + 7 \cdot 37^{14} + 4 \cdot 37^{15} + 18 \cdot 37^{16} + 31 \cdot 37^{17} + 19 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 4, 2) = 27 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 33 \cdot 37^{17} + 7 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 4, 1, 1) = 32 \cdot 37^{12} + 3 \cdot 37^{13} + 14 \cdot 37^{14} + 19 \cdot 37^{15} + 16 \cdot 37^{16} + 18 \cdot 37^{17} + 17 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 3, 3) = 22 \cdot 37^{12} + 36 \cdot 37^{13} + 24 \cdot 37^{14} + 25 \cdot 37^{15} + 12 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 3, 2, 1) = 2 \cdot 37^{12} + 20 \cdot 37^{13} + 5 \cdot 37^{15} + 31 \cdot 37^{16} + 11 \cdot 37^{17} + 14 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 3, 1, 2) = 22 \cdot 37^{12} + 21 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 8 \cdot 37^{16} + 13 \cdot 37^{17} + 20 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 3, 1, 1, 1) = 15 \cdot 37^{13} + 14 \cdot 37^{14} + 25 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 2, 4) = 3 \cdot 37^{12} + 19 \cdot 37^{13} + 32 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 4 \cdot 37^{17} + 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 2, 3, 1) = 6 \cdot 37^{12} + 3 \cdot 37^{13} + 32 \cdot 37^{14} + 16 \cdot 37^{15} + 29 \cdot 37^{16} + 15 \cdot 37^{17} + 35 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 2, 2, 2) = 3 \cdot 37^{12} + 32 \cdot 37^{13} + 27 \cdot 37^{14} + 8 \cdot 37^{15} + 2 \cdot 37^{16} + 19 \cdot 37^{17} + 30 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 2, 2, 1, 1) = 29 \cdot 37^{12} + 4 \cdot 37^{13} + 8 \cdot 37^{14} + 17 \cdot 37^{16} + 14 \cdot 37^{17} + 25 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 2, 1, 3) = 15 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 29 \cdot 37^{15} + 37^{16} + 30 \cdot 37^{17} + 33 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 2, 1, 2, 1) = 24 \cdot 37^{12} + 18 \cdot 37^{13} + 32 \cdot 37^{14} + 30 \cdot 37^{15} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 2, 1, 1, 2) = 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{16} + 12 \cdot 37^{17} + 11 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 2, 1, 1, 1, 1) = 26 \cdot 37^{12} + 12 \cdot 37^{13} + 32 \cdot 37^{14} + 23 \cdot 37^{15} + 9 \cdot 37^{16} + 2 \cdot 37^{17} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 5) = 17 \cdot 37^{12} + 28 \cdot 37^{13} + 12 \cdot 37^{14} + 32 \cdot 37^{15} + 9 \cdot 37^{16} + 7 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 4, 1) = 8 \cdot 37^{12} + 10 \cdot 37^{13} + 23 \cdot 37^{14} + 15 \cdot 37^{15} + 12 \cdot 37^{16} + 18 \cdot 37^{17} + 14 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 3, 2) = 22 \cdot 37^{12} + 9 \cdot 37^{13} + 32 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 3, 1, 1) = 13 \cdot 37^{12} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 27 \cdot 37^{15} + 3 \cdot 37^{16} + 23 \cdot 37^{17} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 2, 3) = 6 \cdot 37^{12} + 37^{13} + 35 \cdot 37^{14} + 29 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 2, 2, 1) = 24 \cdot 37^{12} + 4 \cdot 37^{13} + 26 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 9 \cdot 37^{17} + 16 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 2, 1, 2) = 22 \cdot 37^{12} + 11 \cdot 37^{13} + 24 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 3 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 2, 1, 1, 1) = 13 \cdot 37^{12} + 19 \cdot 37^{13} + 10 \cdot 37^{14} + 6 \cdot 37^{15} + 27 \cdot 37^{16} + 2 \cdot 37^{17} + 8 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 4) = 20 \cdot 37^{12} + 16 \cdot 37^{13} + 27 \cdot 37^{14} + 18 \cdot 37^{15} + 18 \cdot 37^{16} + 15 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 3, 1) = 28 \cdot 37^{12} + 26 \cdot 37^{13} + 16 \cdot 37^{14} + 24 \cdot 37^{15} + 37^{16} + 11 \cdot 37^{17} + 26 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 2, 2) = 20 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 34 \cdot 37^{15} + 36 \cdot 37^{16} + 18 \cdot 37^{17} + 13 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 2, 1, 1) = 9 \cdot 37^{12} + 16 \cdot 37^{13} + 26 \cdot 37^{14} + 29 \cdot 37^{15} + 30 \cdot 37^{16} + 3 \cdot 37^{17} + 4 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 3) = 36 \cdot 37^{12} + 27 \cdot 37^{13} + 3 \cdot 37^{14} + 20 \cdot 37^{15} + 23 \cdot 37^{16} + 10 \cdot 37^{17} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 2, 1) = 16 \cdot 37^{12} + 19 \cdot 37^{13} + 3 \cdot 37^{14} + 6 \cdot 37^{15} + 5 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 1, 2) = 17 \cdot 37^{12} + 37^{13} + 11 \cdot 37^{14} + 21 \cdot 37^{15} + 12 \cdot 37^{16} + 31 \cdot 37^{17} + 2 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 3, 1, 1, 1, 1, 1, 1) = 7 \cdot 37^{12} + 27 \cdot 37^{13} + 14 \cdot 37^{14} + 11 \cdot 37^{15} + 3 \cdot 37^{17} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 7) = 37^{12} + 32 \cdot 37^{13} + 25 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 28 \cdot 37^{17} + 12 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 6, 1) = 2 \cdot 37^{12} + 29 \cdot 37^{13} + 14 \cdot 37^{14} + 27 \cdot 37^{15} + 8 \cdot 37^{16} + 33 \cdot 37^{17} + 23 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 5, 2) = 20 \cdot 37^{12} + 27 \cdot 37^{13} + 22 \cdot 37^{14} + 13 \cdot 37^{15} + 26 \cdot 37^{16} + 17 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 5, 1, 1) = 34 \cdot 37^{12} + 26 \cdot 37^{13} + 33 \cdot 37^{14} + 36 \cdot 37^{15} + 30 \cdot 37^{16} + 7 \cdot 37^{17} + 22 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 4, 3) = 6 \cdot 37^{12} + 5 \cdot 37^{13} + 30 \cdot 37^{15} + 28 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 4, 2, 1) = 32 \cdot 37^{12} + 24 \cdot 37^{13} + 29 \cdot 37^{14} + 19 \cdot 37^{15} + 33 \cdot 37^{16} + 28 \cdot 37^{17} + 11 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 4, 1, 2) = 18 \cdot 37^{12} + 13 \cdot 37^{13} + 23 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 24 \cdot 37^{17} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 4, 1, 1, 1) = 4 \cdot 37^{12} + 30 \cdot 37^{13} + 23 \cdot 37^{14} + 4 \cdot 37^{15} + 17 \cdot 37^{16} + 10 \cdot 37^{17} + 23 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 3, 4) = 15 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 24 \cdot 37^{15} + 14 \cdot 37^{16} + 5 \cdot 37^{17} + 14 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 3, 3, 1) = 21 \cdot 37^{12} + 13 \cdot 37^{13} + 29 \cdot 37^{14} + 32 \cdot 37^{15} + 28 \cdot 37^{17} + 16 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 3, 2, 2) = 12 \cdot 37^{12} + 27 \cdot 37^{13} + 11 \cdot 37^{14} + 18 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 3, 2, 1, 1) = 3 \cdot 37^{12} + 14 \cdot 37^{13} + 16 \cdot 37^{14} + 32 \cdot 37^{15} + 36 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 3, 1, 3) = 28 \cdot 37^{12} + 23 \cdot 37^{13} + 13 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 37^{17} + 10 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 3, 1, 2, 1) = 4 \cdot 37^{12} + 23 \cdot 37^{13} + 37^{14} + 21 \cdot 37^{15} + 3 \cdot 37^{16} + 3 \cdot 37^{17} + 10 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 3, 1, 1, 2) = 9 \cdot 37^{12} + 16 \cdot 37^{13} + 15 \cdot 37^{14} + 5 \cdot 37^{15} + 31 \cdot 37^{16} + 5 \cdot 37^{17} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 3, 1, 1, 1, 1) = 16 \cdot 37^{12} + 21 \cdot 37^{13} + 5 \cdot 37^{14} + 32 \cdot 37^{15} + 31 \cdot 37^{16} + 5 \cdot 37^{17} + 9 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 5) = 30 \cdot 37^{12} + 32 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 4, 1) = 32 \cdot 37^{12} + 35 \cdot 37^{13} + 18 \cdot 37^{14} + 27 \cdot 37^{15} + 2 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 3, 2) = 22 \cdot 37^{12} + 12 \cdot 37^{13} + 4 \cdot 37^{14} + 3 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 3, 1, 1) = 30 \cdot 37^{12} + 24 \cdot 37^{13} + 37^{14} + 27 \cdot 37^{15} + 14 \cdot 37^{16} + 4 \cdot 37^{17} + 25 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 2, 3) = 23 \cdot 37^{12} + 35 \cdot 37^{13} + 20 \cdot 37^{14} + 18 \cdot 37^{15} + 11 \cdot 37^{16} + 29 \cdot 37^{17} + 20 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 2, 2, 1) = 32 \cdot 37^{12} + 29 \cdot 37^{13} + 3 \cdot 37^{14} + 5 \cdot 37^{15} + 5 \cdot 37^{16} + 2 \cdot 37^{17} + 21 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 2, 1, 2) = 16 \cdot 37^{12} + 33 \cdot 37^{13} + 34 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 21 \cdot 37^{17} + 28 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 2, 1, 1, 1) = 27 \cdot 37^{12} + 29 \cdot 37^{13} + 32 \cdot 37^{14} + 27 \cdot 37^{15} + 19 \cdot 37^{16} + 5 \cdot 37^{17} + 26 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 4) = 17 \cdot 37^{12} + 4 \cdot 37^{13} + 3 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 2 \cdot 37^{17} + 28 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 3, 1) = 29 \cdot 37^{12} + 26 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 9 \cdot 37^{16} + 16 \cdot 37^{17} + 21 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 2, 2) = 14 \cdot 37^{12} + 6 \cdot 37^{13} + 29 \cdot 37^{14} + 27 \cdot 37^{15} + 11 \cdot 37^{16} + 4 \cdot 37^{17} + 15 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 2, 1, 1) = 6 \cdot 37^{12} + 25 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{15} + 27 \cdot 37^{16} + 13 \cdot 37^{17} + 10 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 3) = 6 \cdot 37^{12} + 31 \cdot 37^{13} + 33 \cdot 37^{14} + 21 \cdot 37^{15} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 8 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 2, 1) = 11 \cdot 37^{12} + 32 \cdot 37^{13} + 9 \cdot 37^{14} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 1, 2) = 19 \cdot 37^{12} + 17 \cdot 37^{13} + 28 \cdot 37^{15} + 11 \cdot 37^{16} + 24 \cdot 37^{17} + 3 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 2, 1, 1, 1, 1, 1) = 30 \cdot 37^{12} + 35 \cdot 37^{13} + 7 \cdot 37^{14} + 32 \cdot 37^{15} + 22 \cdot 37^{16} + 16 \cdot 37^{17} + 3 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 6) = 14 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 13 \cdot 37^{15} + 25 \cdot 37^{16} + 12 \cdot 37^{17} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 5, 1) = 26 \cdot 37^{12} + 24 \cdot 37^{13} + 14 \cdot 37^{14} + 27 \cdot 37^{15} + 34 \cdot 37^{16} + 33 \cdot 37^{17} + 3 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 4, 2) = 13 \cdot 37^{12} + 7 \cdot 37^{13} + 25 \cdot 37^{14} + 2 \cdot 37^{15} + 21 \cdot 37^{16} + 30 \cdot 37^{17} + 32 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 4, 1, 1) = 22 \cdot 37^{13} + 15 \cdot 37^{14} + 20 \cdot 37^{15} + 6 \cdot 37^{16} + 13 \cdot 37^{17} + 24 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 3, 3) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 5 \cdot 37^{16} + 32 \cdot 37^{17} + 4 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 3, 2, 1) = 27 \cdot 37^{12} + 2 \cdot 37^{13} + 26 \cdot 37^{14} + 10 \cdot 37^{15} + 27 \cdot 37^{16} + 12 \cdot 37^{17} + 8 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 3, 1, 2) = 27 \cdot 37^{12} + 9 \cdot 37^{14} + 25 \cdot 37^{15} + 22 \cdot 37^{16} + 9 \cdot 37^{17} + 32 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 3, 1, 1, 1) = 36 \cdot 37^{12} + 35 \cdot 37^{13} + 17 \cdot 37^{14} + 25 \cdot 37^{15} + 32 \cdot 37^{16} + 34 \cdot 37^{17} + 4 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 4) = 3 \cdot 37^{12} + 37^{13} + 5 \cdot 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 21 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 3, 1) = 22 \cdot 37^{12} + 24 \cdot 37^{13} + 34 \cdot 37^{14} + 18 \cdot 37^{15} + 22 \cdot 37^{16} + 2 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 2, 2) = 33 \cdot 37^{12} + 21 \cdot 37^{13} + 12 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{16} + 10 \cdot 37^{17} + 19 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 2, 1, 1) = 22 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 7 \cdot 37^{15} + 28 \cdot 37^{16} + 3 \cdot 37^{17} + 21 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 3) = 15 \cdot 37^{12} + 2 \cdot 37^{13} + 2 \cdot 37^{14} + 27 \cdot 37^{15} + 34 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 2, 1) = 9 \cdot 37^{12} + 34 \cdot 37^{13} + 13 \cdot 37^{14} + 22 \cdot 37^{15} + 23 \cdot 37^{16} + 2 \cdot 37^{17} + 29 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 1, 2) = 9 \cdot 37^{12} + 24 \cdot 37^{14} + 37^{15} + 23 \cdot 37^{16} + 29 \cdot 37^{17} + 14 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 2, 1, 1, 1, 1) = 32 \cdot 37^{12} + 25 \cdot 37^{13} + 19 \cdot 37^{14} + 4 \cdot 37^{15} + 20 \cdot 37^{16} + 25 \cdot 37^{17} + 3 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 5) = 29 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 13 \cdot 37^{15} + 36 \cdot 37^{16} + 14 \cdot 37^{17} + 33 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 4, 1) = 36 \cdot 37^{12} + 29 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 22 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 3, 2) = 6 \cdot 37^{12} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 28 \cdot 37^{15} + 22 \cdot 37^{16} + 12 \cdot 37^{17} + 35 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 3, 1, 1) = 27 \cdot 37^{12} + 33 \cdot 37^{13} + 22 \cdot 37^{14} + 18 \cdot 37^{15} + 30 \cdot 37^{16} + 14 \cdot 37^{17} + 36 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 3) = 28 \cdot 37^{12} + 25 \cdot 37^{13} + 7 \cdot 37^{14} + 6 \cdot 37^{15} + 31 \cdot 37^{16} + 28 \cdot 37^{17} + 32 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 2, 1) = 30 \cdot 37^{12} + 37^{13} + 21 \cdot 37^{14} + 7 \cdot 37^{15} + 29 \cdot 37^{16} + 26 \cdot 37^{17} + 11 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 1, 2) = 2 \cdot 37^{12} + 30 \cdot 37^{13} + 6 \cdot 37^{14} + 25 \cdot 37^{15} + 29 \cdot 37^{16} + 33 \cdot 37^{17} + 23 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 2, 1, 1, 1) = 36 \cdot 37^{12} + 25 \cdot 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 16 \cdot 37^{16} + 18 \cdot 37^{17} + 14 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 4) = 6 \cdot 37^{12} + 25 \cdot 37^{13} + 11 \cdot 37^{14} + 18 \cdot 37^{15} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 3, 1) = 4 \cdot 37^{12} + 28 \cdot 37^{13} + 19 \cdot 37^{14} + 21 \cdot 37^{15} + 4 \cdot 37^{16} + 8 \cdot 37^{17} + 14 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 2, 2) = 36 \cdot 37^{12} + 12 \cdot 37^{13} + 22 \cdot 37^{14} + 30 \cdot 37^{15} + 18 \cdot 37^{16} + 25 \cdot 37^{17} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 2, 1, 1) = 3 \cdot 37^{12} + 20 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 19 \cdot 37^{16} + 17 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 3) = 18 \cdot 37^{12} + 24 \cdot 37^{13} + 5 \cdot 37^{14} + 36 \cdot 37^{15} + 31 \cdot 37^{16} + 32 \cdot 37^{17} + 21 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 2, 1) = 20 \cdot 37^{12} + 6 \cdot 37^{13} + 19 \cdot 37^{14} + 36 \cdot 37^{15} + 4 \cdot 37^{16} + 34 \cdot 37^{17} + 13 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 1, 2) = 32 \cdot 37^{12} + 20 \cdot 37^{13} + 2 \cdot 37^{14} + 25 \cdot 37^{15} + 28 \cdot 37^{16} + 18 \cdot 37^{17} + 17 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 2, 1, 1, 1, 1, 1, 1, 1) = 2 \cdot 37^{12} + 3 \cdot 37^{13} + 24 \cdot 37^{14} + 7 \cdot 37^{15} + 33 \cdot 37^{16} + 3 \cdot 37^{17} + 32 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 8) = 30 \cdot 37^{12} + 17 \cdot 37^{13} + 36 \cdot 37^{14} + 32 \cdot 37^{15} + 12 \cdot 37^{16} + 4 \cdot 37^{17} + 6 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 7, 1) = 34 \cdot 37^{12} + 13 \cdot 37^{13} + 25 \cdot 37^{14} + 20 \cdot 37^{15} + 4 \cdot 37^{16} + 25 \cdot 37^{17} + 14 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 6, 2) = 37^{12} + 11 \cdot 37^{13} + 33 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 6, 1, 1) = 26 \cdot 37^{12} + 14 \cdot 37^{13} + 14 \cdot 37^{14} + 12 \cdot 37^{15} + 28 \cdot 37^{16} + 22 \cdot 37^{17} + 21 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 5, 3) = 36 \cdot 37^{12} + 4 \cdot 37^{13} + 31 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 4 \cdot 37^{17} + 18 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 5, 2, 1) = 2 \cdot 37^{12} + 30 \cdot 37^{13} + 21 \cdot 37^{14} + 10 \cdot 37^{15} + 13 \cdot 37^{16} + 10 \cdot 37^{17} + 29 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 5, 1, 2) = 24 \cdot 37^{12} + 24 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 23 \cdot 37^{16} + 27 \cdot 37^{17} + 7 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 5, 1, 1, 1) = 9 \cdot 37^{12} + 2 \cdot 37^{13} + 12 \cdot 37^{14} + 5 \cdot 37^{15} + 27 \cdot 37^{16} + 3 \cdot 37^{17} + 10 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 4, 4) = 13 \cdot 37^{12} + 7 \cdot 37^{13} + 20 \cdot 37^{14} + 36 \cdot 37^{16} + 13 \cdot 37^{17} + 13 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 4, 3, 1) = 37^{12} + 4 \cdot 37^{13} + 19 \cdot 37^{14} + 15 \cdot 37^{15} + 18 \cdot 37^{16} + 20 \cdot 37^{17} + 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 4, 2, 2) = 24 \cdot 37^{12} + 10 \cdot 37^{13} + 3 \cdot 37^{14} + 29 \cdot 37^{15} + 20 \cdot 37^{16} + 27 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 4, 2, 1, 1) = 17 \cdot 37^{12} + 6 \cdot 37^{13} + 19 \cdot 37^{14} + 12 \cdot 37^{15} + 33 \cdot 37^{16} + 24 \cdot 37^{17} + 26 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 4, 1, 3) = 3 \cdot 37^{12} + 14 \cdot 37^{13} + 20 \cdot 37^{14} + 3 \cdot 37^{15} + 10 \cdot 37^{16} + 27 \cdot 37^{17} + 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 4, 1, 2, 1) = 16 \cdot 37^{12} + 30 \cdot 37^{13} + 24 \cdot 37^{14} + 11 \cdot 37^{15} + 28 \cdot 37^{16} + 36 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 4, 1, 1, 2) = 5 \cdot 37^{12} + 2 \cdot 37^{13} + 29 \cdot 37^{15} + 14 \cdot 37^{16} + 18 \cdot 37^{17} + 29 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 4, 1, 1, 1, 1) = 28 \cdot 37^{12} + 12 \cdot 37^{13} + 36 \cdot 37^{14} + 34 \cdot 37^{15} + 33 \cdot 37^{16} + 23 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 5) = 8 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 33 \cdot 37^{15} + 22 \cdot 37^{16} + 30 \cdot 37^{17} + 30 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 4, 1) = 21 \cdot 37^{12} + 34 \cdot 37^{13} + 5 \cdot 37^{14} + 19 \cdot 37^{15} + 28 \cdot 37^{16} + 31 \cdot 37^{17} + 16 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 3, 2) = 12 \cdot 37^{12} + 11 \cdot 37^{13} + 19 \cdot 37^{14} + 23 \cdot 37^{15} + 2 \cdot 37^{16} + 16 \cdot 37^{17} + 17 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 3, 1, 1) = 28 \cdot 37^{12} + 8 \cdot 37^{13} + 23 \cdot 37^{14} + 34 \cdot 37^{15} + 37^{16} + 7 \cdot 37^{17} + 24 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 2, 3) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 5 \cdot 37^{16} + 32 \cdot 37^{17} + 4 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 2, 2, 1) = 5 \cdot 37^{12} + 37^{13} + 20 \cdot 37^{14} + 2 \cdot 37^{15} + 35 \cdot 37^{16} + 8 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 2, 1, 2) = 30 \cdot 37^{12} + 29 \cdot 37^{13} + 17 \cdot 37^{14} + 17 \cdot 37^{15} + 27 \cdot 37^{16} + 21 \cdot 37^{17} + 2 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 2, 1, 1, 1) = 21 \cdot 37^{12} + 16 \cdot 37^{13} + 22 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 9 \cdot 37^{17} + 17 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 4) = 11 \cdot 37^{12} + 31 \cdot 37^{13} + 34 \cdot 37^{14} + 9 \cdot 37^{15} + 6 \cdot 37^{16} + 6 \cdot 37^{17} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 3, 1) = 15 \cdot 37^{12} + 28 \cdot 37^{13} + 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 23 \cdot 37^{17} + 18 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 2, 2) = 11 \cdot 37^{12} + 35 \cdot 37^{13} + 36 \cdot 37^{14} + 10 \cdot 37^{15} + 35 \cdot 37^{16} + 30 \cdot 37^{17} + 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 2, 1, 1) = 18 \cdot 37^{12} + 35 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 13 \cdot 37^{17} + 25 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 3) = 6 \cdot 37^{12} + 6 \cdot 37^{13} + 24 \cdot 37^{14} + 9 \cdot 37^{15} + 12 \cdot 37^{16} + 24 \cdot 37^{17} + 11 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 2, 1) = 5 \cdot 37^{12} + 24 \cdot 37^{13} + 11 \cdot 37^{14} + 23 \cdot 37^{15} + 28 \cdot 37^{16} + 20 \cdot 37^{17} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 1, 2) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 6 \cdot 37^{14} + 9 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 3, 1, 1, 1, 1, 1) = 37^{12} + 26 \cdot 37^{13} + 12 \cdot 37^{14} + 30 \cdot 37^{15} + 16 \cdot 37^{16} + 30 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 6) = 22 \cdot 37^{12} + 12 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 8 \cdot 37^{17} + 25 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 5, 1) = 37^{12} + 28 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 14 \cdot 37^{16} + 9 \cdot 37^{17} + 22 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 4, 2) = 3 \cdot 37^{12} + 33 \cdot 37^{14} + 34 \cdot 37^{15} + 35 \cdot 37^{16} + 29 \cdot 37^{17} + 17 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 4, 1, 1) = 36 \cdot 37^{12} + 14 \cdot 37^{13} + 29 \cdot 37^{15} + 36 \cdot 37^{16} + 8 \cdot 37^{17} + 17 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 3, 3) = 17 \cdot 37^{12} + 37^{13} + 6 \cdot 37^{14} + 23 \cdot 37^{15} + 14 \cdot 37^{16} + 10 \cdot 37^{17} + 29 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 3, 2, 1) = 11 \cdot 37^{12} + 8 \cdot 37^{13} + 18 \cdot 37^{14} + 9 \cdot 37^{15} + 15 \cdot 37^{16} + 9 \cdot 37^{17} + 13 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 3, 1, 2) = 28 \cdot 37^{12} + 8 \cdot 37^{13} + 11 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 9 \cdot 37^{17} + 27 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 3, 1, 1, 1) = 14 \cdot 37^{12} + 3 \cdot 37^{13} + 12 \cdot 37^{14} + 14 \cdot 37^{15} + 8 \cdot 37^{16} + 34 \cdot 37^{17} + 31 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 4) = 16 \cdot 37^{12} + 30 \cdot 37^{13} + 3 \cdot 37^{14} + 14 \cdot 37^{15} + 34 \cdot 37^{16} + 12 \cdot 37^{17} + 32 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 3, 1) = 3 \cdot 37^{12} + 11 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 30 \cdot 37^{16} + 25 \cdot 37^{17} + 4 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 2, 2) = 22 \cdot 37^{12} + 15 \cdot 37^{13} + 16 \cdot 37^{14} + 28 \cdot 37^{15} + 30 \cdot 37^{16} + 36 \cdot 37^{17} + 3 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 2, 1, 1) = 5 \cdot 37^{12} + 35 \cdot 37^{13} + 26 \cdot 37^{14} + 31 \cdot 37^{15} + 5 \cdot 37^{16} + 14 \cdot 37^{17} + 21 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 3) = 8 \cdot 37^{12} + 27 \cdot 37^{13} + 10 \cdot 37^{14} + 25 \cdot 37^{15} + 2 \cdot 37^{16} + 28 \cdot 37^{17} + 20 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 2, 1) = 27 \cdot 37^{12} + 13 \cdot 37^{13} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 20 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 1, 2) = 10 \cdot 37^{12} + 6 \cdot 37^{13} + 37^{14} + 15 \cdot 37^{15} + 25 \cdot 37^{16} + 30 \cdot 37^{17} + 36 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 2, 1, 1, 1, 1) = 4 \cdot 37^{12} + 27 \cdot 37^{13} + 18 \cdot 37^{14} + 37^{15} + 37^{16} + 6 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 5) = 7 \cdot 37^{12} + 9 \cdot 37^{13} + 29 \cdot 37^{14} + 24 \cdot 37^{15} + 28 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 4, 1) = 3 \cdot 37^{12} + 5 \cdot 37^{13} + 4 \cdot 37^{16} + 14 \cdot 37^{17} + 3 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 3, 2) = 34 \cdot 37^{12} + 35 \cdot 37^{13} + 20 \cdot 37^{14} + 23 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 2 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 3, 1, 1) = 18 \cdot 37^{12} + 26 \cdot 37^{13} + 30 \cdot 37^{14} + 23 \cdot 37^{15} + 37^{16} + 19 \cdot 37^{17} + 22 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 3) = 22 \cdot 37^{12} + 36 \cdot 37^{13} + 24 \cdot 37^{14} + 25 \cdot 37^{15} + 12 \cdot 37^{16} + 37^{17} + 6 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 2, 1) = 25 \cdot 37^{12} + 19 \cdot 37^{13} + 23 \cdot 37^{14} + 3 \cdot 37^{15} + 33 \cdot 37^{16} + 18 \cdot 37^{17} + 29 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 1, 2) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 5 \cdot 37^{14} + 2 \cdot 37^{15} + 24 \cdot 37^{16} + 5 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 2, 1, 1, 1) = 30 \cdot 37^{12} + 10 \cdot 37^{13} + 21 \cdot 37^{14} + 29 \cdot 37^{15} + 29 \cdot 37^{16} + 34 \cdot 37^{17} + 32 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 4) = 31 \cdot 37^{12} + 28 \cdot 37^{13} + 12 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 27 \cdot 37^{17} + 36 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 3, 1) = 26 \cdot 37^{12} + 25 \cdot 37^{13} + 25 \cdot 37^{14} + 2 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 17 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 2, 2) = 23 \cdot 37^{12} + 4 \cdot 37^{13} + 33 \cdot 37^{14} + 23 \cdot 37^{15} + 5 \cdot 37^{16} + 8 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 2, 1, 1) = 14 \cdot 37^{12} + 37^{13} + 21 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 11 \cdot 37^{17} + 31 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 3) = 26 \cdot 37^{12} + 27 \cdot 37^{13} + 23 \cdot 37^{14} + 31 \cdot 37^{15} + 36 \cdot 37^{16} + 26 \cdot 37^{17} + 9 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 2, 1) = 7 \cdot 37^{12} + 25 \cdot 37^{13} + 35 \cdot 37^{14} + 24 \cdot 37^{15} + 28 \cdot 37^{16} + 23 \cdot 37^{17} + 5 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 1, 2) = 14 \cdot 37^{12} + 37^{13} + 25 \cdot 37^{14} + 22 \cdot 37^{15} + 32 \cdot 37^{16} + 7 \cdot 37^{17} + 12 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 2, 1, 1, 1, 1, 1, 1) = 30 \cdot 37^{12} + 25 \cdot 37^{13} + 14 \cdot 37^{14} + 22 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 2 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 7) = 20 \cdot 37^{12} + 21 \cdot 37^{13} + 30 \cdot 37^{14} + 28 \cdot 37^{15} + 3 \cdot 37^{16} + 7 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 6, 1) = 22 \cdot 37^{12} + 20 \cdot 37^{13} + 37^{14} + 32 \cdot 37^{15} + 23 \cdot 37^{16} + 12 \cdot 37^{17} + 11 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 5, 2) = 37^{12} + 4 \cdot 37^{13} + 23 \cdot 37^{14} + 34 \cdot 37^{15} + 24 \cdot 37^{16} + 14 \cdot 37^{17} + 17 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 5, 1, 1) = 28 \cdot 37^{12} + 7 \cdot 37^{13} + 8 \cdot 37^{14} + 2 \cdot 37^{15} + 7 \cdot 37^{16} + 21 \cdot 37^{17} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 4, 3) = 35 \cdot 37^{12} + 23 \cdot 37^{13} + 3 \cdot 37^{14} + 20 \cdot 37^{15} + 30 \cdot 37^{17} + 28 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 4, 2, 1) = 25 \cdot 37^{12} + 4 \cdot 37^{13} + 30 \cdot 37^{14} + 28 \cdot 37^{15} + 25 \cdot 37^{16} + 9 \cdot 37^{17} + 13 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 4, 1, 2) = 22 \cdot 37^{12} + 37^{13} + 7 \cdot 37^{14} + 13 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 24 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 4, 1, 1, 1) = 22 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{14} + 11 \cdot 37^{15} + 13 \cdot 37^{16} + 6 \cdot 37^{17} + 10 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 4) = 6 \cdot 37^{12} + 16 \cdot 37^{13} + 4 \cdot 37^{14} + 23 \cdot 37^{15} + 34 \cdot 37^{16} + 7 \cdot 37^{17} + 27 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 3, 1) = 25 \cdot 37^{12} + 3 \cdot 37^{13} + 26 \cdot 37^{14} + 31 \cdot 37^{15} + 18 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 2, 2) = 6 \cdot 37^{12} + 4 \cdot 37^{13} + 34 \cdot 37^{14} + 37^{15} + 12 \cdot 37^{16} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 2, 1, 1) = 4 \cdot 37^{12} + 22 \cdot 37^{13} + 33 \cdot 37^{14} + 31 \cdot 37^{16} + 31 \cdot 37^{17} + 8 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 3) = 37^{12} + 28 \cdot 37^{13} + 6 \cdot 37^{14} + 34 \cdot 37^{15} + 9 \cdot 37^{16} + 26 \cdot 37^{17} + 16 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 2, 1) = 37^{12} + 29 \cdot 37^{13} + 22 \cdot 37^{14} + 30 \cdot 37^{15} + 35 \cdot 37^{16} + 18 \cdot 37^{17} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 1, 2) = 3 \cdot 37^{12} + 33 \cdot 37^{13} + 5 \cdot 37^{14} + 34 \cdot 37^{15} + 33 \cdot 37^{16} + 30 \cdot 37^{17} + 11 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 3, 1, 1, 1) = 34 \cdot 37^{12} + 37^{13} + 19 \cdot 37^{14} + 4 \cdot 37^{15} + 8 \cdot 37^{16} + 7 \cdot 37^{17} + 29 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 5) = 33 \cdot 37^{12} + 19 \cdot 37^{13} + 7 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 4, 1) = 3 \cdot 37^{12} + 28 \cdot 37^{13} + 9 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 11 \cdot 37^{17} + 24 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 3, 2) = 24 \cdot 37^{12} + 20 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 10 \cdot 37^{16} + 10 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 3, 1, 1) = 23 \cdot 37^{12} + 4 \cdot 37^{13} + 20 \cdot 37^{14} + 15 \cdot 37^{15} + 16 \cdot 37^{16} + 28 \cdot 37^{17} + 27 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 3) = 6 \cdot 37^{12} + 5 \cdot 37^{13} + 30 \cdot 37^{15} + 28 \cdot 37^{16} + 15 \cdot 37^{17} + 14 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 2, 1) = 30 \cdot 37^{12} + 32 \cdot 37^{13} + 4 \cdot 37^{14} + 26 \cdot 37^{15} + 22 \cdot 37^{16} + 21 \cdot 37^{17} + 2 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 1, 2) = 30 \cdot 37^{12} + 36 \cdot 37^{13} + 16 \cdot 37^{14} + 15 \cdot 37^{15} + 28 \cdot 37^{16} + 11 \cdot 37^{17} + 9 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 2, 1, 1, 1) = 24 \cdot 37^{12} + 28 \cdot 37^{13} + 5 \cdot 37^{14} + 16 \cdot 37^{15} + 12 \cdot 37^{16} + 12 \cdot 37^{17} + 16 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 4) = 28 \cdot 37^{13} + 3 \cdot 37^{14} + 23 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 3, 1) = 36 \cdot 37^{12} + 14 \cdot 37^{13} + 26 \cdot 37^{14} + 14 \cdot 37^{15} + 20 \cdot 37^{16} + 23 \cdot 37^{17} + 27 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 2, 2) = 13 \cdot 37^{12} + 37^{13} + 33 \cdot 37^{15} + 30 \cdot 37^{16} + 15 \cdot 37^{17} + 35 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 2, 1, 1) = 30 \cdot 37^{12} + 9 \cdot 37^{13} + 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 13 \cdot 37^{17} + 3 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 3) = 35 \cdot 37^{12} + 9 \cdot 37^{13} + 20 \cdot 37^{14} + 36 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 10 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 2, 1) = 6 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 8 \cdot 37^{17} + 2 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 1, 2) = 37^{12} + 37^{13} + 20 \cdot 37^{14} + 28 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 2, 1, 1, 1, 1, 1) = 14 \cdot 37^{12} + 16 \cdot 37^{13} + 14 \cdot 37^{14} + 29 \cdot 37^{15} + 12 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 6) = 19 \cdot 37^{12} + 6 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 32 \cdot 37^{16} + 35 \cdot 37^{17} + 28 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 5, 1) = 23 \cdot 37^{12} + 8 \cdot 37^{13} + 13 \cdot 37^{14} + 13 \cdot 37^{15} + 12 \cdot 37^{16} + 12 \cdot 37^{17} + 8 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 4, 2) = 32 \cdot 37^{12} + 28 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 7 \cdot 37^{17} + 8 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 4, 1, 1) = 37^{12} + 6 \cdot 37^{13} + 20 \cdot 37^{14} + 7 \cdot 37^{15} + 31 \cdot 37^{16} + 4 \cdot 37^{17} + 16 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 3) = 36 \cdot 37^{12} + 4 \cdot 37^{13} + 31 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 4 \cdot 37^{17} + 18 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 2, 1) = 30 \cdot 37^{12} + 17 \cdot 37^{13} + 14 \cdot 37^{14} + 12 \cdot 37^{15} + 23 \cdot 37^{16} + 5 \cdot 37^{17} + 36 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 1, 2) = 3 \cdot 37^{12} + 27 \cdot 37^{13} + 13 \cdot 37^{14} + 6 \cdot 37^{15} + 30 \cdot 37^{16} + 2 \cdot 37^{17} + 12 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 3, 1, 1, 1) = 34 \cdot 37^{12} + 16 \cdot 37^{13} + 27 \cdot 37^{14} + 5 \cdot 37^{15} + 13 \cdot 37^{17} + 4 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 4) = 26 \cdot 37^{12} + 4 \cdot 37^{13} + 30 \cdot 37^{14} + 12 \cdot 37^{15} + 13 \cdot 37^{16} + 18 \cdot 37^{17} + 8 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 3, 1) = 27 \cdot 37^{12} + 29 \cdot 37^{13} + 8 \cdot 37^{14} + 26 \cdot 37^{15} + 18 \cdot 37^{16} + 31 \cdot 37^{17} + 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 2, 2) = 23 \cdot 37^{12} + 24 \cdot 37^{13} + 35 \cdot 37^{14} + 3 \cdot 37^{16} + 27 \cdot 37^{17} + 9 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 2, 1, 1) = 4 \cdot 37^{12} + 14 \cdot 37^{13} + 20 \cdot 37^{14} + 12 \cdot 37^{15} + 3 \cdot 37^{16} + 21 \cdot 37^{17} + 10 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 3) = 22 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 11 \cdot 37^{15} + 27 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 2, 1) = 32 \cdot 37^{12} + 15 \cdot 37^{13} + 20 \cdot 37^{14} + 25 \cdot 37^{15} + 34 \cdot 37^{16} + 19 \cdot 37^{17} + 28 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 1, 2) = 16 \cdot 37^{12} + 14 \cdot 37^{13} + 18 \cdot 37^{14} + 36 \cdot 37^{15} + 6 \cdot 37^{16} + 7 \cdot 37^{17} + 5 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 2, 1, 1, 1, 1) = 37^{12} + 4 \cdot 37^{13} + 12 \cdot 37^{14} + 9 \cdot 37^{15} + 13 \cdot 37^{16} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 5) = 2 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 2 \cdot 37^{15} + 28 \cdot 37^{16} + 13 \cdot 37^{17} + 17 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 4, 1) = 27 \cdot 37^{12} + 2 \cdot 37^{13} + 32 \cdot 37^{14} + 14 \cdot 37^{15} + 17 \cdot 37^{16} + 11 \cdot 37^{17} + 28 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 3, 2) = 33 \cdot 37^{12} + 8 \cdot 37^{13} + 19 \cdot 37^{14} + 19 \cdot 37^{15} + 5 \cdot 37^{16} + 34 \cdot 37^{17} + 29 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 3, 1, 1) = 37^{12} + 8 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 33 \cdot 37^{16} + 16 \cdot 37^{17} + 3 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 3) = 9 \cdot 37^{12} + 15 \cdot 37^{13} + 5 \cdot 37^{15} + 17 \cdot 37^{16} + 8 \cdot 37^{17} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 2, 1) = 28 \cdot 37^{12} + 13 \cdot 37^{13} + 6 \cdot 37^{14} + 28 \cdot 37^{15} + 18 \cdot 37^{16} + 23 \cdot 37^{17} + 11 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 1, 2) = 22 \cdot 37^{12} + 30 \cdot 37^{13} + 32 \cdot 37^{14} + 19 \cdot 37^{15} + 20 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 2, 1, 1, 1) = 14 \cdot 37^{12} + 16 \cdot 37^{13} + 14 \cdot 37^{14} + 29 \cdot 37^{15} + 12 \cdot 37^{16} + 25 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 4) = 33 \cdot 37^{12} + 23 \cdot 37^{14} + 33 \cdot 37^{15} + 3 \cdot 37^{16} + 33 \cdot 37^{17} + 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 3, 1) = 26 \cdot 37^{12} + 5 \cdot 37^{13} + 17 \cdot 37^{14} + 16 \cdot 37^{15} + 26 \cdot 37^{16} + 14 \cdot 37^{17} + 23 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 2, 2) = 9 \cdot 37^{12} + 23 \cdot 37^{13} + 28 \cdot 37^{14} + 2 \cdot 37^{15} + 14 \cdot 37^{16} + 22 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 2, 1, 1) = 30 \cdot 37^{12} + 25 \cdot 37^{13} + 14 \cdot 37^{14} + 22 \cdot 37^{15} + 20 \cdot 37^{16} + 11 \cdot 37^{17} + 2 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 3) = 35 \cdot 37^{12} + 3 \cdot 37^{13} + 10 \cdot 37^{14} + 37^{15} + 2 \cdot 37^{16} + 14 \cdot 37^{17} + 15 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 2, 1) = 20 \cdot 37^{12} + 15 \cdot 37^{13} + 32 \cdot 37^{14} + 2 \cdot 37^{15} + 12 \cdot 37^{16} + 11 \cdot 37^{17} + 35 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 1, 2) = 30 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 35 \cdot 37^{15} + 35 \cdot 37^{17} + 10 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 10) = 29 \cdot 37^{12} + 12 \cdot 37^{13} + 6 \cdot 37^{14} + 30 \cdot 37^{15} + 33 \cdot 37^{16} + 2 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 9, 1) = 30 \cdot 37^{12} + 14 \cdot 37^{13} + 34 \cdot 37^{14} + 9 \cdot 37^{15} + 10 \cdot 37^{16} + 30 \cdot 37^{17} + 18 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 8, 2) = 17 \cdot 37^{12} + 19 \cdot 37^{13} + 28 \cdot 37^{14} + 12 \cdot 37^{15} + 30 \cdot 37^{17} + 24 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 8, 1, 1) = 18 \cdot 37^{12} + 16 \cdot 37^{13} + 11 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 24 \cdot 37^{17} + 35 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 7, 3) = 33 \cdot 37^{12} + 23 \cdot 37^{14} + 33 \cdot 37^{15} + 3 \cdot 37^{16} + 33 \cdot 37^{17} + 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 7, 2, 1) = 13 \cdot 37^{12} + 23 \cdot 37^{13} + 17 \cdot 37^{14} + 13 \cdot 37^{15} + 32 \cdot 37^{16} + 29 \cdot 37^{17} + 22 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 7, 1, 2) = 5 \cdot 37^{12} + 23 \cdot 37^{13} + 11 \cdot 37^{14} + 4 \cdot 37^{15} + 17 \cdot 37^{16} + 32 \cdot 37^{17} + 19 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 7, 1, 1, 1) = 20 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 5 \cdot 37^{15} + 4 \cdot 37^{16} + 16 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 6, 4) = 22 \cdot 37^{12} + 37^{13} + 23 \cdot 37^{14} + 30 \cdot 37^{15} + 15 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 6, 3, 1) = 30 \cdot 37^{12} + 31 \cdot 37^{13} + 25 \cdot 37^{14} + 14 \cdot 37^{16} + 15 \cdot 37^{17} + 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 6, 2, 2) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 33 \cdot 37^{14} + 28 \cdot 37^{15} + 30 \cdot 37^{16} + 16 \cdot 37^{17} + 15 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 6, 2, 1, 1) = 15 \cdot 37^{12} + 7 \cdot 37^{13} + 34 \cdot 37^{14} + 27 \cdot 37^{15} + 2 \cdot 37^{16} + 4 \cdot 37^{17} + 32 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 6, 1, 3) = 15 \cdot 37^{12} + 10 \cdot 37^{13} + 6 \cdot 37^{14} + 15 \cdot 37^{15} + 7 \cdot 37^{16} + 37^{17} + 24 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 6, 1, 2, 1) = 15 \cdot 37^{12} + 35 \cdot 37^{13} + 19 \cdot 37^{14} + 19 \cdot 37^{15} + 33 \cdot 37^{16} + 22 \cdot 37^{17} + 16 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 6, 1, 1, 2) = 33 \cdot 37^{12} + 32 \cdot 37^{13} + 30 \cdot 37^{14} + 31 \cdot 37^{15} + 31 \cdot 37^{16} + 34 \cdot 37^{17} + 3 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 6, 1, 1, 1, 1) = 21 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 2 \cdot 37^{16} + 30 \cdot 37^{17} + 6 \cdot 37^{18} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 5, 5) = 22 \cdot 37^{12} + 18 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 22 \cdot 37^{16} + 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 5, 4, 1) = 15 \cdot 37^{12} + 17 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 13 \cdot 37^{17} + 21 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 5, 3, 2) = 5 \cdot 37^{12} + 22 \cdot 37^{13} + 22 \cdot 37^{14} + 31 \cdot 37^{15} + 8 \cdot 37^{16} + 33 \cdot 37^{17} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 5, 3, 1, 1) = 27 \cdot 37^{12} + 21 \cdot 37^{13} + 6 \cdot 37^{14} + 30 \cdot 37^{15} + 8 \cdot 37^{16} + 17 \cdot 37^{17} + 28 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 5, 2, 3) = 6 \cdot 37^{12} + 25 \cdot 37^{13} + 11 \cdot 37^{14} + 18 \cdot 37^{15} + 13 \cdot 37^{16} + 24 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 5, 2, 2, 1) = 7 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 14 \cdot 37^{15} + 32 \cdot 37^{16} + 16 \cdot 37^{17} + 31 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 5, 2, 1, 2) = 14 \cdot 37^{12} + 29 \cdot 37^{13} + 9 \cdot 37^{14} + 21 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 25 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 5, 2, 1, 1, 1) = 4 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{15} + 34 \cdot 37^{16} + 20 \cdot 37^{17} + 27 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 5, 1, 4) = 4 \cdot 37^{12} + 11 \cdot 37^{13} + 21 \cdot 37^{14} + 22 \cdot 37^{15} + 29 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 5, 1, 3, 1) = 26 \cdot 37^{12} + 10 \cdot 37^{13} + 20 \cdot 37^{14} + 8 \cdot 37^{15} + 9 \cdot 37^{16} + 5 \cdot 37^{17} + 15 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 5, 1, 2, 2) = 21 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 30 \cdot 37^{16} + 18 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 5, 1, 2, 1, 1) = 32 \cdot 37^{12} + 36 \cdot 37^{13} + 23 \cdot 37^{14} + 15 \cdot 37^{15} + 29 \cdot 37^{16} + 4 \cdot 37^{17} + 16 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 5, 1, 1, 3) = 9 \cdot 37^{12} + 24 \cdot 37^{13} + 4 \cdot 37^{14} + 10 \cdot 37^{15} + 6 \cdot 37^{16} + 31 \cdot 37^{17} + 26 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 5, 1, 1, 2, 1) = 30 \cdot 37^{12} + 10 \cdot 37^{13} + 29 \cdot 37^{14} + 24 \cdot 37^{15} + 5 \cdot 37^{16} + 31 \cdot 37^{17} + 17 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 5, 1, 1, 1, 2) = 26 \cdot 37^{12} + 21 \cdot 37^{13} + 11 \cdot 37^{14} + 13 \cdot 37^{15} + 6 \cdot 37^{16} + 36 \cdot 37^{17} + 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 5, 1, 1, 1, 1, 1) = 24 \cdot 37^{12} + 34 \cdot 37^{13} + 21 \cdot 37^{14} + 10 \cdot 37^{16} + 31 \cdot 37^{17} + 8 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 6) = 36 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 20 \cdot 37^{17} + 8 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 5, 1) = 15 \cdot 37^{12} + 36 \cdot 37^{13} + 17 \cdot 37^{14} + 32 \cdot 37^{15} + 17 \cdot 37^{16} + 26 \cdot 37^{17} + 6 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 4, 2) = 3 \cdot 37^{12} + 36 \cdot 37^{13} + 36 \cdot 37^{14} + 13 \cdot 37^{15} + 13 \cdot 37^{16} + 9 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 4, 1, 1) = 27 \cdot 37^{12} + 22 \cdot 37^{13} + 24 \cdot 37^{14} + 11 \cdot 37^{15} + 32 \cdot 37^{16} + 11 \cdot 37^{17} + 33 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 3, 3) = 31 \cdot 37^{12} + 28 \cdot 37^{13} + 12 \cdot 37^{14} + 25 \cdot 37^{15} + 3 \cdot 37^{16} + 27 \cdot 37^{17} + 36 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 3, 2, 1) = 6 \cdot 37^{12} + 25 \cdot 37^{13} + 2 \cdot 37^{14} + 4 \cdot 37^{15} + 6 \cdot 37^{16} + 7 \cdot 37^{17} + 17 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 3, 1, 2) = 26 \cdot 37^{12} + 6 \cdot 37^{13} + 30 \cdot 37^{14} + 17 \cdot 37^{15} + 33 \cdot 37^{16} + 10 \cdot 37^{17} + 24 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 3, 1, 1, 1) = 22 \cdot 37^{12} + 8 \cdot 37^{13} + 30 \cdot 37^{14} + 19 \cdot 37^{15} + 24 \cdot 37^{17} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 2, 4) = 22 \cdot 37^{12} + 34 \cdot 37^{13} + 9 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 10 \cdot 37^{17} + 19 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 2, 3, 1) = 34 \cdot 37^{12} + 24 \cdot 37^{13} + 19 \cdot 37^{14} + 6 \cdot 37^{15} + 15 \cdot 37^{16} + 31 \cdot 37^{17} + 3 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 2, 2, 2) = 36 \cdot 37^{12} + 7 \cdot 37^{13} + 29 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 22 \cdot 37^{17} + 34 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 2, 2, 1, 1) = 18 \cdot 37^{13} + 7 \cdot 37^{14} + 17 \cdot 37^{15} + 5 \cdot 37^{16} + 23 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 2, 1, 3) = 25 \cdot 37^{12} + 12 \cdot 37^{13} + 12 \cdot 37^{14} + 6 \cdot 37^{15} + 17 \cdot 37^{16} + 26 \cdot 37^{17} + 13 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 2, 1, 2, 1) = 2 \cdot 37^{12} + 2 \cdot 37^{13} + 36 \cdot 37^{14} + 3 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 21 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 2, 1, 1, 2) = 5 \cdot 37^{12} + 27 \cdot 37^{13} + 31 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 22 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 2, 1, 1, 1, 1) = 14 \cdot 37^{12} + 8 \cdot 37^{13} + 25 \cdot 37^{14} + 16 \cdot 37^{15} + 25 \cdot 37^{16} + 17 \cdot 37^{17} + 20 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 5) = 15 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 16 \cdot 37^{15} + 19 \cdot 37^{16} + 5 \cdot 37^{17} + 32 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 4, 1) = 6 \cdot 37^{12} + 2 \cdot 37^{13} + 5 \cdot 37^{14} + 29 \cdot 37^{15} + 5 \cdot 37^{16} + 6 \cdot 37^{17} + 2 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 3, 2) = 13 \cdot 37^{12} + 33 \cdot 37^{13} + 9 \cdot 37^{14} + 22 \cdot 37^{15} + 8 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 3, 1, 1) = 35 \cdot 37^{12} + 13 \cdot 37^{13} + 9 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 28 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 2, 3) = 20 \cdot 37^{12} + 16 \cdot 37^{13} + 27 \cdot 37^{14} + 18 \cdot 37^{15} + 18 \cdot 37^{16} + 15 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 2, 2, 1) = 4 \cdot 37^{12} + 21 \cdot 37^{13} + 34 \cdot 37^{14} + 6 \cdot 37^{15} + 27 \cdot 37^{16} + 26 \cdot 37^{17} + 29 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 2, 1, 2) = 31 \cdot 37^{12} + 5 \cdot 37^{13} + 32 \cdot 37^{15} + 18 \cdot 37^{16} + 19 \cdot 37^{17} + 19 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 2, 1, 1, 1) = 34 \cdot 37^{12} + 3 \cdot 37^{13} + 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 8 \cdot 37^{17} + 27 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 4) = 32 \cdot 37^{12} + 12 \cdot 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{15} + 28 \cdot 37^{16} + 21 \cdot 37^{17} + 6 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 3, 1) = 36 \cdot 37^{12} + 9 \cdot 37^{13} + 9 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 4 \cdot 37^{17} + 4 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 2, 2) = 29 \cdot 37^{12} + 14 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 36 \cdot 37^{16} + 8 \cdot 37^{17} + 22 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 2, 1, 1) = 20 \cdot 37^{12} + 4 \cdot 37^{13} + 20 \cdot 37^{14} + 4 \cdot 37^{15} + 17 \cdot 37^{16} + 12 \cdot 37^{17} + 15 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 3) = 11 \cdot 37^{13} + 5 \cdot 37^{14} + 25 \cdot 37^{15} + 21 \cdot 37^{16} + 14 \cdot 37^{17} + 13 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 2, 1) = 28 \cdot 37^{12} + 10 \cdot 37^{13} + 6 \cdot 37^{14} + 15 \cdot 37^{15} + 8 \cdot 37^{16} + 14 \cdot 37^{17} + 20 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 1, 2) = 24 \cdot 37^{12} + 34 \cdot 37^{13} + 30 \cdot 37^{14} + 36 \cdot 37^{15} + 11 \cdot 37^{16} + 35 \cdot 37^{17} + 23 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 4, 1, 1, 1, 1, 1, 1) = 31 \cdot 37^{13} + 29 \cdot 37^{14} + 18 \cdot 37^{15} + 20 \cdot 37^{16} + 3 \cdot 37^{17} + 14 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 7) = 22 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 26 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 17 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 6, 1) = 29 \cdot 37^{12} + 22 \cdot 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 6 \cdot 37^{17} + 25 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 5, 2) = 14 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 20 \cdot 37^{15} + 3 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 5, 1, 1) = 31 \cdot 37^{12} + 28 \cdot 37^{13} + 30 \cdot 37^{14} + 13 \cdot 37^{15} + 18 \cdot 37^{16} + 30 \cdot 37^{17} + 33 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 4, 3) = 28 \cdot 37^{13} + 3 \cdot 37^{14} + 23 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 19 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 4, 2, 1) = 26 \cdot 37^{12} + 10 \cdot 37^{13} + 25 \cdot 37^{14} + 2 \cdot 37^{15} + 18 \cdot 37^{16} + 23 \cdot 37^{17} + 26 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 4, 1, 2) = 23 \cdot 37^{12} + 9 \cdot 37^{13} + 8 \cdot 37^{14} + 8 \cdot 37^{15} + 18 \cdot 37^{16} + 6 \cdot 37^{17} + 8 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 4, 1, 1, 1) = 12 \cdot 37^{12} + 5 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 3 \cdot 37^{16} + 28 \cdot 37^{17} + 7 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 3, 4) = 11 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 33 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 26 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 3, 3, 1) = 13 \cdot 37^{12} + 6 \cdot 37^{13} + 11 \cdot 37^{14} + 22 \cdot 37^{15} + 4 \cdot 37^{16} + 36 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 3, 2, 2) = 5 \cdot 37^{12} + 9 \cdot 37^{13} + 25 \cdot 37^{14} + 3 \cdot 37^{15} + 21 \cdot 37^{16} + 34 \cdot 37^{17} + 8 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 3, 2, 1, 1) = 3 \cdot 37^{12} + 9 \cdot 37^{13} + 36 \cdot 37^{14} + 37^{15} + 18 \cdot 37^{16} + 2 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 3, 1, 3) = 5 \cdot 37^{12} + 36 \cdot 37^{13} + 32 \cdot 37^{14} + 20 \cdot 37^{15} + 18 \cdot 37^{16} + 25 \cdot 37^{17} + 2 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 3, 1, 2, 1) = 4 \cdot 37^{12} + 11 \cdot 37^{13} + 33 \cdot 37^{14} + 22 \cdot 37^{15} + 7 \cdot 37^{16} + 35 \cdot 37^{17} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 3, 1, 1, 2) = 34 \cdot 37^{12} + 10 \cdot 37^{13} + 33 \cdot 37^{14} + 34 \cdot 37^{15} + 33 \cdot 37^{16} + 7 \cdot 37^{17} + 6 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 3, 1, 1, 1, 1) = 23 \cdot 37^{12} + 5 \cdot 37^{13} + 37^{14} + 11 \cdot 37^{15} + 23 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 5) = 26 \cdot 37^{12} + 30 \cdot 37^{13} + 25 \cdot 37^{14} + 6 \cdot 37^{15} + 6 \cdot 37^{16} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 4, 1) = 5 \cdot 37^{12} + 18 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 3 \cdot 37^{16} + 15 \cdot 37^{17} + 17 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 3, 2) = 10 \cdot 37^{12} + 23 \cdot 37^{13} + 4 \cdot 37^{14} + 14 \cdot 37^{15} + 5 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 3, 1, 1) = 11 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 37^{15} + 5 \cdot 37^{16} + 26 \cdot 37^{17} + 19 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 2, 3) = 17 \cdot 37^{12} + 4 \cdot 37^{13} + 3 \cdot 37^{14} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 2 \cdot 37^{17} + 28 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 2, 2, 1) = 34 \cdot 37^{12} + 26 \cdot 37^{13} + 10 \cdot 37^{14} + 11 \cdot 37^{15} + 5 \cdot 37^{16} + 2 \cdot 37^{17} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 2, 1, 2) = 21 \cdot 37^{12} + 35 \cdot 37^{13} + 19 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 29 \cdot 37^{17} + 10 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 2, 1, 1, 1) = 5 \cdot 37^{12} + 13 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 25 \cdot 37^{16} + 2 \cdot 37^{17} + 29 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 4) = 29 \cdot 37^{12} + 23 \cdot 37^{13} + 31 \cdot 37^{14} + 24 \cdot 37^{15} + 31 \cdot 37^{16} + 18 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 3, 1) = 15 \cdot 37^{12} + 17 \cdot 37^{13} + 35 \cdot 37^{14} + 14 \cdot 37^{15} + 2 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 2, 2) = 14 \cdot 37^{13} + 9 \cdot 37^{14} + 30 \cdot 37^{15} + 16 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 2, 1, 1) = 2 \cdot 37^{12} + 16 \cdot 37^{13} + 36 \cdot 37^{14} + 2 \cdot 37^{15} + 3 \cdot 37^{16} + 5 \cdot 37^{17} + 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 3) = 27 \cdot 37^{12} + 30 \cdot 37^{13} + 37^{14} + 35 \cdot 37^{15} + 19 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 2, 1) = 25 \cdot 37^{12} + 9 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 23 \cdot 37^{16} + 17 \cdot 37^{17} + 27 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 1, 2) = 17 \cdot 37^{12} + 33 \cdot 37^{13} + 14 \cdot 37^{14} + 37^{15} + 34 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 2, 1, 1, 1, 1, 1) = 24 \cdot 37^{13} + 3 \cdot 37^{14} + 18 \cdot 37^{15} + 13 \cdot 37^{16} + 29 \cdot 37^{17} + 8 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 6) = 8 \cdot 37^{12} + 4 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 4 \cdot 37^{16} + 23 \cdot 37^{17} + 35 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 5, 1) = 5 \cdot 37^{13} + 21 \cdot 37^{14} + 33 \cdot 37^{15} + 20 \cdot 37^{16} + 24 \cdot 37^{17} + 2 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 4, 2) = 34 \cdot 37^{12} + 31 \cdot 37^{13} + 17 \cdot 37^{14} + 22 \cdot 37^{15} + 22 \cdot 37^{16} + 18 \cdot 37^{17} + 19 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 4, 1, 1) = 15 \cdot 37^{12} + 35 \cdot 37^{13} + 24 \cdot 37^{14} + 6 \cdot 37^{15} + 27 \cdot 37^{16} + 22 \cdot 37^{17} + 21 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 3, 3) = 11 \cdot 37^{12} + 31 \cdot 37^{13} + 34 \cdot 37^{14} + 9 \cdot 37^{15} + 6 \cdot 37^{16} + 6 \cdot 37^{17} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 3, 2, 1) = 15 \cdot 37^{12} + 36 \cdot 37^{13} + 25 \cdot 37^{14} + 11 \cdot 37^{15} + 26 \cdot 37^{16} + 34 \cdot 37^{17} + 9 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 3, 1, 2) = 20 \cdot 37^{12} + 37^{13} + 4 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 28 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 3, 1, 1, 1) = 20 \cdot 37^{12} + 2 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 25 \cdot 37^{16} + 27 \cdot 37^{17} + 17 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 4) = 29 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 14 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 3, 1) = 28 \cdot 37^{12} + 3 \cdot 37^{13} + 31 \cdot 37^{14} + 13 \cdot 37^{15} + 27 \cdot 37^{16} + 29 \cdot 37^{17} + 13 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 2, 2) = 4 \cdot 37^{12} + 28 \cdot 37^{13} + 37^{14} + 12 \cdot 37^{15} + 11 \cdot 37^{16} + 18 \cdot 37^{17} + 31 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 2, 1, 1) = 4 \cdot 37^{12} + 30 \cdot 37^{13} + 24 \cdot 37^{14} + 7 \cdot 37^{15} + 25 \cdot 37^{16} + 34 \cdot 37^{17} + 34 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 3) = 13 \cdot 37^{12} + 26 \cdot 37^{13} + 16 \cdot 37^{14} + 27 \cdot 37^{15} + 37^{16} + 4 \cdot 37^{17} + 28 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 2, 1) = 26 \cdot 37^{12} + 11 \cdot 37^{13} + 5 \cdot 37^{14} + 36 \cdot 37^{15} + 14 \cdot 37^{16} + 24 \cdot 37^{17} + 2 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 1, 2) = 2 \cdot 37^{12} + 24 \cdot 37^{13} + 23 \cdot 37^{14} + 26 \cdot 37^{15} + 4 \cdot 37^{16} + 34 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 2, 1, 1, 1, 1) = 18 \cdot 37^{13} + 8 \cdot 37^{14} + 5 \cdot 37^{15} + 37^{16} + 33 \cdot 37^{17} + 34 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 5) = 35 \cdot 37^{12} + 22 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 2 \cdot 37^{16} + 9 \cdot 37^{17} + 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 4, 1) = 7 \cdot 37^{12} + 37^{13} + 30 \cdot 37^{14} + 35 \cdot 37^{16} + 14 \cdot 37^{17} + 14 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 3, 2) = 12 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 20 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 23 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 3, 1, 1) = 20 \cdot 37^{12} + 23 \cdot 37^{13} + 13 \cdot 37^{14} + 24 \cdot 37^{15} + 2 \cdot 37^{16} + 32 \cdot 37^{17} + 16 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 3) = 31 \cdot 37^{12} + 13 \cdot 37^{13} + 36 \cdot 37^{14} + 11 \cdot 37^{15} + 22 \cdot 37^{16} + 31 \cdot 37^{17} + 22 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 2, 1) = 5 \cdot 37^{12} + 4 \cdot 37^{13} + 25 \cdot 37^{14} + 11 \cdot 37^{15} + 9 \cdot 37^{16} + 11 \cdot 37^{17} + 27 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 1, 2) = 34 \cdot 37^{12} + 34 \cdot 37^{13} + 23 \cdot 37^{14} + 14 \cdot 37^{15} + 19 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 2, 1, 1, 1) = 30 \cdot 37^{13} + 35 \cdot 37^{14} + 13 \cdot 37^{15} + 5 \cdot 37^{16} + 21 \cdot 37^{17} + 8 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 4) = 4 \cdot 37^{12} + 11 \cdot 37^{13} + 21 \cdot 37^{14} + 22 \cdot 37^{15} + 29 \cdot 37^{16} + 2 \cdot 37^{17} + 31 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 3, 1) = 8 \cdot 37^{12} + 16 \cdot 37^{13} + 12 \cdot 37^{14} + 5 \cdot 37^{15} + 19 \cdot 37^{16} + 21 \cdot 37^{17} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 2, 2) = 15 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 4 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 2, 1, 1) = 22 \cdot 37^{13} + 12 \cdot 37^{14} + 33 \cdot 37^{15} + 37^{16} + 7 \cdot 37^{17} + 3 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 3) = 17 \cdot 37^{12} + 29 \cdot 37^{14} + 30 \cdot 37^{15} + 6 \cdot 37^{16} + 11 \cdot 37^{17} + 7 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 2, 1) = 8 \cdot 37^{12} + 4 \cdot 37^{13} + 23 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 20 \cdot 37^{17} + 20 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 1, 2) = 27 \cdot 37^{12} + 26 \cdot 37^{13} + 26 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 3 \cdot 37^{17} + 29 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 3, 1, 1, 1, 1, 1, 1, 1) = 19 \cdot 37^{13} + 31 \cdot 37^{14} + 5 \cdot 37^{15} + 32 \cdot 37^{16} + 8 \cdot 37^{17} + 6 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 8) = 20 \cdot 37^{12} + 14 \cdot 37^{13} + 13 \cdot 37^{14} + 17 \cdot 37^{15} + 32 \cdot 37^{16} + 4 \cdot 37^{17} + 36 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 7, 1) = 32 \cdot 37^{12} + 18 \cdot 37^{13} + 6 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 26 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 6, 2) = 31 \cdot 37^{12} + 20 \cdot 37^{13} + 18 \cdot 37^{14} + 37^{15} + 27 \cdot 37^{16} + 24 \cdot 37^{17} + 13 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 6, 1, 1) = 35 \cdot 37^{12} + 36 \cdot 37^{13} + 28 \cdot 37^{14} + 6 \cdot 37^{15} + 7 \cdot 37^{16} + 9 \cdot 37^{17} + 23 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 5, 3) = 26 \cdot 37^{12} + 4 \cdot 37^{13} + 30 \cdot 37^{14} + 12 \cdot 37^{15} + 13 \cdot 37^{16} + 18 \cdot 37^{17} + 8 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 5, 2, 1) = 5 \cdot 37^{12} + 5 \cdot 37^{13} + 27 \cdot 37^{14} + 6 \cdot 37^{15} + 4 \cdot 37^{16} + 33 \cdot 37^{17} + 27 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 5, 1, 2) = 31 \cdot 37^{12} + 8 \cdot 37^{13} + 36 \cdot 37^{14} + 24 \cdot 37^{15} + 7 \cdot 37^{16} + 4 \cdot 37^{17} + 21 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 5, 1, 1, 1) = 30 \cdot 37^{12} + 15 \cdot 37^{13} + 19 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 31 \cdot 37^{17} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 4, 4) = 16 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 4, 3, 1) = 26 \cdot 37^{12} + 16 \cdot 37^{13} + 4 \cdot 37^{14} + 35 \cdot 37^{15} + 14 \cdot 37^{16} + 32 \cdot 37^{17} + 3 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 4, 2, 2) = 32 \cdot 37^{12} + 6 \cdot 37^{13} + 14 \cdot 37^{14} + 15 \cdot 37^{15} + 33 \cdot 37^{16} + 36 \cdot 37^{17} + 28 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 4, 2, 1, 1) = 27 \cdot 37^{13} + 2 \cdot 37^{14} + 26 \cdot 37^{15} + 11 \cdot 37^{16} + 3 \cdot 37^{17} + 10 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 4, 1, 3) = 19 \cdot 37^{12} + 27 \cdot 37^{13} + 3 \cdot 37^{14} + 35 \cdot 37^{15} + 17 \cdot 37^{16} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 4, 1, 2, 1) = 29 \cdot 37^{12} + 21 \cdot 37^{13} + 34 \cdot 37^{14} + 15 \cdot 37^{15} + 11 \cdot 37^{16} + 7 \cdot 37^{17} + 9 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 4, 1, 1, 2) = 10 \cdot 37^{12} + 17 \cdot 37^{13} + 28 \cdot 37^{14} + 25 \cdot 37^{15} + 30 \cdot 37^{16} + 9 \cdot 37^{17} + 4 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 4, 1, 1, 1, 1) = 8 \cdot 37^{12} + 26 \cdot 37^{13} + 27 \cdot 37^{14} + 6 \cdot 37^{15} + 5 \cdot 37^{16} + 28 \cdot 37^{17} + 29 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 5) = 34 \cdot 37^{12} + 27 \cdot 37^{13} + 11 \cdot 37^{14} + 21 \cdot 37^{15} + 29 \cdot 37^{16} + 36 \cdot 37^{17} + 2 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 4, 1) = 20 \cdot 37^{12} + 9 \cdot 37^{13} + 3 \cdot 37^{14} + 9 \cdot 37^{15} + 2 \cdot 37^{16} + 26 \cdot 37^{17} + 7 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 3, 2) = 3 \cdot 37^{12} + 24 \cdot 37^{13} + 19 \cdot 37^{14} + 9 \cdot 37^{15} + 14 \cdot 37^{16} + 14 \cdot 37^{17} + 8 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 3, 1, 1) = 27 \cdot 37^{12} + 20 \cdot 37^{13} + 15 \cdot 37^{14} + 10 \cdot 37^{15} + 23 \cdot 37^{16} + 37^{17} + 32 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 2, 3) = 3 \cdot 37^{12} + 37^{13} + 5 \cdot 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 21 \cdot 37^{17} + 5 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 2, 2, 1) = 21 \cdot 37^{12} + 7 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 36 \cdot 37^{16} + 22 \cdot 37^{17} + 4 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 2, 1, 2) = 25 \cdot 37^{12} + 13 \cdot 37^{13} + 23 \cdot 37^{14} + 9 \cdot 37^{15} + 29 \cdot 37^{16} + 21 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 2, 1, 1, 1) = 20 \cdot 37^{12} + 35 \cdot 37^{13} + 34 \cdot 37^{14} + 14 \cdot 37^{15} + 36 \cdot 37^{16} + 23 \cdot 37^{17} + 23 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 4) = 29 \cdot 37^{12} + 15 \cdot 37^{13} + 4 \cdot 37^{14} + 31 \cdot 37^{15} + 23 \cdot 37^{16} + 31 \cdot 37^{17} + 14 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 3, 1) = 22 \cdot 37^{12} + 7 \cdot 37^{13} + 8 \cdot 37^{14} + 35 \cdot 37^{15} + 7 \cdot 37^{16} + 11 \cdot 37^{17} + 34 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 2, 2) = 7 \cdot 37^{12} + 11 \cdot 37^{13} + 4 \cdot 37^{14} + 26 \cdot 37^{15} + 33 \cdot 37^{16} + 19 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 2, 1, 1) = 37^{12} + 31 \cdot 37^{13} + 6 \cdot 37^{14} + 16 \cdot 37^{15} + 15 \cdot 37^{16} + 4 \cdot 37^{17} + 29 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 3) = 4 \cdot 37^{12} + 8 \cdot 37^{13} + 20 \cdot 37^{14} + 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 12 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 2, 1) = 15 \cdot 37^{12} + 10 \cdot 37^{13} + 28 \cdot 37^{14} + 12 \cdot 37^{15} + 31 \cdot 37^{16} + 8 \cdot 37^{17} + 16 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 1, 2) = 21 \cdot 37^{13} + 21 \cdot 37^{15} + 34 \cdot 37^{16} + 36 \cdot 37^{17} + 30 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 3, 1, 1, 1, 1, 1) = 15 \cdot 37^{13} + 33 \cdot 37^{14} + 7 \cdot 37^{15} + 5 \cdot 37^{16} + 25 \cdot 37^{17} + 15 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 6) = 37^{12} + 33 \cdot 37^{14} + 34 \cdot 37^{15} + 4 \cdot 37^{16} + 35 \cdot 37^{17} + 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 5, 1) = 5 \cdot 37^{12} + 33 \cdot 37^{13} + 35 \cdot 37^{14} + 35 \cdot 37^{15} + 32 \cdot 37^{16} + 27 \cdot 37^{17} + 2 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 4, 2) = 17 \cdot 37^{12} + 37^{13} + 29 \cdot 37^{14} + 30 \cdot 37^{15} + 23 \cdot 37^{16} + 6 \cdot 37^{17} + 36 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 4, 1, 1) = 35 \cdot 37^{12} + 30 \cdot 37^{13} + 8 \cdot 37^{14} + 4 \cdot 37^{15} + 23 \cdot 37^{16} + 23 \cdot 37^{17} + 32 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 3, 3) = 16 \cdot 37^{12} + 30 \cdot 37^{13} + 3 \cdot 37^{14} + 14 \cdot 37^{15} + 34 \cdot 37^{16} + 12 \cdot 37^{17} + 32 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 3, 2, 1) = 21 \cdot 37^{12} + 19 \cdot 37^{13} + 6 \cdot 37^{14} + 23 \cdot 37^{15} + 4 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 3, 1, 2) = 34 \cdot 37^{12} + 7 \cdot 37^{13} + 8 \cdot 37^{14} + 19 \cdot 37^{15} + 17 \cdot 37^{16} + 22 \cdot 37^{17} + 31 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 3, 1, 1, 1) = 35 \cdot 37^{12} + 33 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 9 \cdot 37^{16} + 18 \cdot 37^{17} + 28 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 4) = 12 \cdot 37^{12} + 34 \cdot 37^{13} + 37^{14} + 4 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 18 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 3, 1) = 32 \cdot 37^{12} + 5 \cdot 37^{13} + 36 \cdot 37^{14} + 36 \cdot 37^{15} + 8 \cdot 37^{16} + 28 \cdot 37^{17} + 24 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 2, 2) = 19 \cdot 37^{12} + 12 \cdot 37^{13} + 35 \cdot 37^{14} + 25 \cdot 37^{15} + 24 \cdot 37^{16} + 36 \cdot 37^{17} + 9 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 2, 1, 1) = 25 \cdot 37^{12} + 21 \cdot 37^{13} + 2 \cdot 37^{14} + 24 \cdot 37^{15} + 25 \cdot 37^{16} + 22 \cdot 37^{17} + 12 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 3) = 26 \cdot 37^{12} + 36 \cdot 37^{13} + 7 \cdot 37^{14} + 6 \cdot 37^{15} + 36 \cdot 37^{16} + 27 \cdot 37^{17} + 25 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 2, 1) = 35 \cdot 37^{12} + 29 \cdot 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 8 \cdot 37^{17} + 20 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 1, 2) = 20 \cdot 37^{12} + 35 \cdot 37^{13} + 3 \cdot 37^{14} + 20 \cdot 37^{15} + 17 \cdot 37^{16} + 24 \cdot 37^{17} + 17 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 2, 1, 1, 1, 1) = 16 \cdot 37^{13} + 10 \cdot 37^{14} + 16 \cdot 37^{15} + 9 \cdot 37^{16} + 25 \cdot 37^{17} + 20 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 5) = 34 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 27 \cdot 37^{16} + 7 \cdot 37^{17} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 4, 1) = 32 \cdot 37^{12} + 16 \cdot 37^{13} + 24 \cdot 37^{14} + 3 \cdot 37^{15} + 15 \cdot 37^{16} + 29 \cdot 37^{17} + 5 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 3, 2) = 32 \cdot 37^{12} + 13 \cdot 37^{13} + 9 \cdot 37^{14} + 8 \cdot 37^{15} + 34 \cdot 37^{16} + 29 \cdot 37^{17} + 18 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 3, 1, 1) = 4 \cdot 37^{12} + 20 \cdot 37^{13} + 15 \cdot 37^{14} + 11 \cdot 37^{15} + 35 \cdot 37^{17} + 22 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 3) = 3 \cdot 37^{12} + 19 \cdot 37^{13} + 32 \cdot 37^{14} + 12 \cdot 37^{15} + 36 \cdot 37^{16} + 4 \cdot 37^{17} + 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 2, 1) = 19 \cdot 37^{12} + 4 \cdot 37^{13} + 9 \cdot 37^{14} + 19 \cdot 37^{15} + 18 \cdot 37^{17} + 21 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 1, 2) = 18 \cdot 37^{12} + 28 \cdot 37^{13} + 22 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 5 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 2, 1, 1, 1) = 31 \cdot 37^{13} + 17 \cdot 37^{14} + 5 \cdot 37^{15} + 35 \cdot 37^{16} + 22 \cdot 37^{17} + 32 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 4) = 22 \cdot 37^{12} + 34 \cdot 37^{13} + 9 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 10 \cdot 37^{17} + 19 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 3, 1) = 11 \cdot 37^{12} + 33 \cdot 37^{13} + 32 \cdot 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 2 \cdot 37^{17} + 15 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 2, 2) = 24 \cdot 37^{12} + 20 \cdot 37^{13} + 10 \cdot 37^{14} + 10 \cdot 37^{15} + 3 \cdot 37^{16} + 3 \cdot 37^{17} + 22 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 2, 1, 1) = 8 \cdot 37^{13} + 21 \cdot 37^{14} + 20 \cdot 37^{15} + 28 \cdot 37^{16} + 36 \cdot 37^{17} + 5 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 3) = 37^{12} + 37^{13} + 10 \cdot 37^{14} + 12 \cdot 37^{15} + 25 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 2, 1) = 34 \cdot 37^{12} + 32 \cdot 37^{13} + 12 \cdot 37^{14} + 3 \cdot 37^{15} + 21 \cdot 37^{16} + 26 \cdot 37^{17} + 30 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 1, 2) = 31 \cdot 37^{12} + 16 \cdot 37^{13} + 33 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 19 \cdot 37^{17} + 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 2, 1, 1, 1, 1, 1) = 25 \cdot 37^{13} + 32 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 32 \cdot 37^{17} + 9 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 7) = 16 \cdot 37^{12} + 28 \cdot 37^{13} + 28 \cdot 37^{14} + 29 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 17 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 6, 1) = 14 \cdot 37^{12} + 11 \cdot 37^{13} + 20 \cdot 37^{14} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 9 \cdot 37^{17} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 5, 2) = 31 \cdot 37^{12} + 23 \cdot 37^{13} + 22 \cdot 37^{14} + 16 \cdot 37^{15} + 21 \cdot 37^{16} + 25 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 5, 1, 1) = 10 \cdot 37^{12} + 29 \cdot 37^{13} + 14 \cdot 37^{14} + 16 \cdot 37^{15} + 3 \cdot 37^{16} + 23 \cdot 37^{17} + 3 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 4, 3) = 6 \cdot 37^{12} + 16 \cdot 37^{13} + 4 \cdot 37^{14} + 23 \cdot 37^{15} + 34 \cdot 37^{16} + 7 \cdot 37^{17} + 27 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 4, 2, 1) = 34 \cdot 37^{12} + 16 \cdot 37^{13} + 26 \cdot 37^{14} + 12 \cdot 37^{15} + 27 \cdot 37^{16} + 4 \cdot 37^{17} + 26 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 4, 1, 2) = 10 \cdot 37^{12} + 10 \cdot 37^{13} + 24 \cdot 37^{14} + 35 \cdot 37^{15} + 14 \cdot 37^{16} + 36 \cdot 37^{17} + 33 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 4, 1, 1) = 3 \cdot 37^{12} + 13 \cdot 37^{13} + 14 \cdot 37^{14} + 16 \cdot 37^{15} + 6 \cdot 37^{16} + 27 \cdot 37^{17} + 16 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 4) = 15 \cdot 37^{12} + 29 \cdot 37^{13} + 30 \cdot 37^{14} + 31 \cdot 37^{15} + 23 \cdot 37^{16} + 18 \cdot 37^{17} + 10 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 3, 1) = 30 \cdot 37^{12} + 16 \cdot 37^{13} + 37^{14} + 6 \cdot 37^{15} + 3 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 2, 2) = 7 \cdot 37^{12} + 33 \cdot 37^{13} + 15 \cdot 37^{14} + 30 \cdot 37^{15} + 22 \cdot 37^{16} + 35 \cdot 37^{17} + 26 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 2, 1) = 23 \cdot 37^{12} + 24 \cdot 37^{13} + 16 \cdot 37^{14} + 36 \cdot 37^{15} + 30 \cdot 37^{16} + 18 \cdot 37^{17} + 11 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 3) = 31 \cdot 37^{12} + 21 \cdot 37^{13} + 26 \cdot 37^{14} + 30 \cdot 37^{15} + 10 \cdot 37^{16} + 8 \cdot 37^{17} + 7 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 2, 1) = 10 \cdot 37^{12} + 17 \cdot 37^{13} + 22 \cdot 37^{14} + 18 \cdot 37^{15} + 34 \cdot 37^{16} + 24 \cdot 37^{17} + 24 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 1, 2) = 35 \cdot 37^{12} + 15 \cdot 37^{13} + 30 \cdot 37^{14} + 14 \cdot 37^{15} + 33 \cdot 37^{16} + 15 \cdot 37^{17} + 31 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 3, 1, 1, 1) = 32 \cdot 37^{13} + 2 \cdot 37^{14} + 6 \cdot 37^{15} + 25 \cdot 37^{16} + 14 \cdot 37^{17} + 15 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 5) = 24 \cdot 37^{12} + 15 \cdot 37^{13} + 30 \cdot 37^{14} + 34 \cdot 37^{15} + 3 \cdot 37^{16} + 31 \cdot 37^{17} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 4, 1) = 28 \cdot 37^{12} + 13 \cdot 37^{13} + 22 \cdot 37^{14} + 36 \cdot 37^{15} + 13 \cdot 37^{16} + 23 \cdot 37^{17} + 17 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 3, 2) = 10 \cdot 37^{12} + 3 \cdot 37^{13} + 8 \cdot 37^{14} + 10 \cdot 37^{17} + 26 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 3, 1, 1) = 11 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 17 \cdot 37^{15} + 21 \cdot 37^{16} + 18 \cdot 37^{17} + 4 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 3) = 15 \cdot 37^{12} + 17 \cdot 37^{13} + 21 \cdot 37^{14} + 24 \cdot 37^{15} + 14 \cdot 37^{16} + 5 \cdot 37^{17} + 14 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 2, 1) = 6 \cdot 37^{12} + 20 \cdot 37^{13} + 10 \cdot 37^{14} + 32 \cdot 37^{15} + 8 \cdot 37^{16} + 5 \cdot 37^{17} + 24 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 1, 2) = 20 \cdot 37^{12} + 22 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 32 \cdot 37^{16} + 2 \cdot 37^{17} + 13 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 2, 1, 1) = 2 \cdot 37^{13} + 29 \cdot 37^{14} + 23 \cdot 37^{15} + 15 \cdot 37^{16} + 30 \cdot 37^{17} + 31 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 4) = 11 \cdot 37^{12} + 28 \cdot 37^{13} + 29 \cdot 37^{14} + 33 \cdot 37^{15} + 13 \cdot 37^{16} + 37^{17} + 26 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 3, 1) = 4 \cdot 37^{12} + 9 \cdot 37^{13} + 18 \cdot 37^{14} + 2 \cdot 37^{15} + 10 \cdot 37^{16} + 18 \cdot 37^{17} + 28 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 2, 2) = 33 \cdot 37^{13} + 4 \cdot 37^{14} + 2 \cdot 37^{15} + 35 \cdot 37^{16} + 2 \cdot 37^{17} + 17 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 2, 1) = 15 \cdot 37^{13} + 30 \cdot 37^{14} + 29 \cdot 37^{15} + 27 \cdot 37^{16} + 13 \cdot 37^{17} + 6 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 3) = 25 \cdot 37^{12} + 4 \cdot 37^{13} + 27 \cdot 37^{14} + 35 \cdot 37^{15} + 34 \cdot 37^{17} + 34 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 2, 1) = 15 \cdot 37^{13} + 30 \cdot 37^{14} + 29 \cdot 37^{15} + 27 \cdot 37^{16} + 13 \cdot 37^{17} + 6 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 1, 2) = 35 \cdot 37^{12} + 12 \cdot 37^{13} + 24 \cdot 37^{15} + 24 \cdot 37^{16} + 3 \cdot 37^{17} + 5 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 2, 1, 1, 1, 1, 1) = 6 \cdot 37^{13} + 30 \cdot 37^{14} + 36 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 31 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 6) = 4 \cdot 37^{12} + 9 \cdot 37^{14} + 24 \cdot 37^{15} + 16 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 5, 1) = 7 \cdot 37^{12} + 8 \cdot 37^{13} + 4 \cdot 37^{14} + 5 \cdot 37^{15} + 36 \cdot 37^{16} + 5 \cdot 37^{17} + 7 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 4, 2) = 23 \cdot 37^{12} + 12 \cdot 37^{13} + 28 \cdot 37^{14} + 28 \cdot 37^{15} + 9 \cdot 37^{17} + 24 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 4, 1, 1) = 17 \cdot 37^{12} + 7 \cdot 37^{13} + 17 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 3) = 13 \cdot 37^{12} + 7 \cdot 37^{13} + 20 \cdot 37^{14} + 36 \cdot 37^{16} + 13 \cdot 37^{17} + 13 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 2, 1) = 33 \cdot 37^{12} + 29 \cdot 37^{13} + 27 \cdot 37^{14} + 27 \cdot 37^{15} + 27 \cdot 37^{16} + 31 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 1, 2) = 32 \cdot 37^{12} + 19 \cdot 37^{13} + 36 \cdot 37^{14} + 15 \cdot 37^{15} + 15 \cdot 37^{16} + 4 \cdot 37^{17} + 18 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 3, 1, 1, 1) = 27 \cdot 37^{13} + 34 \cdot 37^{14} + 17 \cdot 37^{15} + 9 \cdot 37^{16} + 18 \cdot 37^{17} + 11 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 4) = 16 \cdot 37^{12} + 6 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 3, 1) = 37^{12} + 35 \cdot 37^{13} + 4 \cdot 37^{14} + 10 \cdot 37^{15} + 29 \cdot 37^{16} + 14 \cdot 37^{17} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 2, 2) = 17 \cdot 37^{12} + 29 \cdot 37^{13} + 25 \cdot 37^{14} + 31 \cdot 37^{15} + 22 \cdot 37^{16} + 24 \cdot 37^{17} + 5 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 2, 1, 1) = 20 \cdot 37^{13} + 15 \cdot 37^{14} + 6 \cdot 37^{15} + 36 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 3) = 18 \cdot 37^{12} + 12 \cdot 37^{14} + 31 \cdot 37^{15} + 4 \cdot 37^{16} + 2 \cdot 37^{17} + 33 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 2, 1) = 30 \cdot 37^{12} + 21 \cdot 37^{13} + 14 \cdot 37^{14} + 6 \cdot 37^{15} + 37^{16} + 5 \cdot 37^{17} + 19 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 1, 2) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 2, 1, 1, 1, 1) = 29 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 5) = 7 \cdot 37^{12} + 7 \cdot 37^{13} + 20 \cdot 37^{14} + 4 \cdot 37^{15} + 9 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 4, 1) = 34 \cdot 37^{12} + 24 \cdot 37^{13} + 11 \cdot 37^{14} + 31 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 15 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 3, 2) = 24 \cdot 37^{12} + 14 \cdot 37^{13} + 28 \cdot 37^{14} + 32 \cdot 37^{15} + 35 \cdot 37^{16} + 28 \cdot 37^{17} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 3, 1, 1) = 2 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 4 \cdot 37^{16} + 37^{17} + 11 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 3) = 3 \cdot 37^{12} + 26 \cdot 37^{13} + 29 \cdot 37^{14} + 36 \cdot 37^{15} + 19 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 2, 1) = 28 \cdot 37^{12} + 18 \cdot 37^{13} + 11 \cdot 37^{14} + 26 \cdot 37^{15} + 29 \cdot 37^{16} + 19 \cdot 37^{17} + 28 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 1, 2) = 23 \cdot 37^{12} + 15 \cdot 37^{13} + 6 \cdot 37^{14} + 8 \cdot 37^{15} + 21 \cdot 37^{16} + 18 \cdot 37^{17} + 5 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 2, 1, 1, 1) = 29 \cdot 37^{13} + 33 \cdot 37^{14} + 24 \cdot 37^{15} + 22 \cdot 37^{16} + 27 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 4) = 22 \cdot 37^{12} + 37^{13} + 23 \cdot 37^{14} + 30 \cdot 37^{15} + 15 \cdot 37^{16} + 14 \cdot 37^{17} + 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 3, 1) = 12 \cdot 37^{12} + 3 \cdot 37^{13} + 36 \cdot 37^{14} + 16 \cdot 37^{15} + 29 \cdot 37^{16} + 21 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 2, 2) = 32 \cdot 37^{12} + 14 \cdot 37^{13} + 17 \cdot 37^{14} + 33 \cdot 37^{15} + 25 \cdot 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 2, 1, 1) = 6 \cdot 37^{13} + 30 \cdot 37^{14} + 36 \cdot 37^{15} + 19 \cdot 37^{16} + 25 \cdot 37^{17} + 31 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1, 3) = 30 \cdot 37^{12} + 5 \cdot 37^{13} + 35 \cdot 37^{14} + 2 \cdot 37^{15} + 31 \cdot 37^{16} + 23 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1, 2, 1) = 32 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{15} + 32 \cdot 37^{16} + 2 \cdot 37^{17} + 27 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1, 2) = 12 \cdot 37^{12} + 27 \cdot 37^{13} + 24 \cdot 37^{14} + 2 \cdot 37^{15} + 18 \cdot 37^{16} + 37^{17} + 33 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 2, 1, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 9) = 5 \cdot 37^{12} + 20 \cdot 37^{13} + 33 \cdot 37^{14} + 31 \cdot 37^{15} + 26 \cdot 37^{16} + 16 \cdot 37^{17} + 36 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 8, 1) = 13 \cdot 37^{12} + 12 \cdot 37^{14} + 13 \cdot 37^{15} + 22 \cdot 37^{16} + 36 \cdot 37^{17} + 20 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 7, 2) = 23 \cdot 37^{12} + 6 \cdot 37^{13} + 31 \cdot 37^{14} + 25 \cdot 37^{15} + 8 \cdot 37^{16} + 36 \cdot 37^{17} + 12 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 7, 1, 1) = 16 \cdot 37^{12} + 23 \cdot 37^{14} + 28 \cdot 37^{15} + 25 \cdot 37^{16} + 6 \cdot 37^{17} + 4 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 6, 3) = 2 \cdot 37^{12} + 14 \cdot 37^{13} + 4 \cdot 37^{14} + 2 \cdot 37^{15} + 28 \cdot 37^{16} + 13 \cdot 37^{17} + 17 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 6, 2, 1) = 11 \cdot 37^{12} + 17 \cdot 37^{13} + 16 \cdot 37^{14} + 15 \cdot 37^{15} + 31 \cdot 37^{16} + 21 \cdot 37^{17} + 14 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 6, 1, 2) = 22 \cdot 37^{12} + 17 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 27 \cdot 37^{17} + 28 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 6, 1, 1, 1) = 36 \cdot 37^{12} + 20 \cdot 37^{13} + 30 \cdot 37^{14} + 31 \cdot 37^{15} + 21 \cdot 37^{16} + 8 \cdot 37^{17} + 30 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 5, 4) = 7 \cdot 37^{12} + 7 \cdot 37^{13} + 20 \cdot 37^{14} + 4 \cdot 37^{15} + 9 \cdot 37^{16} + 24 \cdot 37^{17} + 30 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 5, 3, 1) = 9 \cdot 37^{12} + 2 \cdot 37^{13} + 35 \cdot 37^{14} + 34 \cdot 37^{15} + 37^{16} + 24 \cdot 37^{17} + 5 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 5, 2, 2) = 18 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 33 \cdot 37^{15} + 15 \cdot 37^{16} + 17 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 5, 2, 1, 1) = 8 \cdot 37^{12} + 8 \cdot 37^{13} + 13 \cdot 37^{14} + 10 \cdot 37^{15} + 6 \cdot 37^{16} + 8 \cdot 37^{17} + 20 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 5, 1, 3) = 34 \cdot 37^{12} + 13 \cdot 37^{13} + 29 \cdot 37^{14} + 37^{15} + 9 \cdot 37^{16} + 22 \cdot 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 5, 1, 2, 1) = 36 \cdot 37^{12} + 10 \cdot 37^{13} + 23 \cdot 37^{14} + 27 \cdot 37^{15} + 32 \cdot 37^{16} + 16 \cdot 37^{17} + 24 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 5, 1, 1, 2) = 19 \cdot 37^{12} + 26 \cdot 37^{13} + 31 \cdot 37^{14} + 16 \cdot 37^{15} + 32 \cdot 37^{16} + 13 \cdot 37^{17} + 22 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 5, 1, 1, 1, 1) = 5 \cdot 37^{12} + 2 \cdot 37^{13} + 33 \cdot 37^{14} + 36 \cdot 37^{15} + 10 \cdot 37^{16} + 15 \cdot 37^{17} + 29 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 5) = 6 \cdot 37^{12} + 21 \cdot 37^{13} + 7 \cdot 37^{14} + 23 \cdot 37^{15} + 2 \cdot 37^{16} + 15 \cdot 37^{17} + 8 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 4, 1) = 32 \cdot 37^{12} + 32 \cdot 37^{13} + 23 \cdot 37^{14} + 31 \cdot 37^{15} + 37^{16} + 8 \cdot 37^{17} + 26 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 3, 2) = 13 \cdot 37^{12} + 15 \cdot 37^{13} + 21 \cdot 37^{14} + 26 \cdot 37^{15} + 26 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 3, 1, 1) = 12 \cdot 37^{12} + 33 \cdot 37^{13} + 4 \cdot 37^{14} + 36 \cdot 37^{15} + 16 \cdot 37^{16} + 30 \cdot 37^{17} + 3 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 2, 3) = 29 \cdot 37^{12} + 12 \cdot 37^{13} + 21 \cdot 37^{14} + 13 \cdot 37^{15} + 36 \cdot 37^{16} + 14 \cdot 37^{17} + 33 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 2, 2, 1) = 11 \cdot 37^{12} + 26 \cdot 37^{13} + 34 \cdot 37^{14} + 35 \cdot 37^{15} + 2 \cdot 37^{16} + 22 \cdot 37^{17} + 26 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 2, 1, 2) = 15 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{15} + 18 \cdot 37^{16} + 32 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 2, 1, 1, 1) = 9 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 20 \cdot 37^{15} + 34 \cdot 37^{16} + 26 \cdot 37^{17} + 26 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 4) = 35 \cdot 37^{12} + 22 \cdot 37^{13} + 27 \cdot 37^{14} + 33 \cdot 37^{15} + 2 \cdot 37^{16} + 9 \cdot 37^{17} + 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 3, 1) = 10 \cdot 37^{12} + 20 \cdot 37^{13} + 33 \cdot 37^{14} + 4 \cdot 37^{15} + 19 \cdot 37^{16} + 26 \cdot 37^{17} + 27 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 2, 2) = 34 \cdot 37^{12} + 29 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 26 \cdot 37^{16} + 5 \cdot 37^{17} + 36 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 2, 1, 1) = 5 \cdot 37^{12} + 28 \cdot 37^{13} + 28 \cdot 37^{14} + 13 \cdot 37^{15} + 26 \cdot 37^{16} + 9 \cdot 37^{17} + 25 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 3) = 13 \cdot 37^{12} + 19 \cdot 37^{13} + 25 \cdot 37^{14} + 30 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 26 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 2, 1) = 26 \cdot 37^{12} + 9 \cdot 37^{13} + 25 \cdot 37^{14} + 35 \cdot 37^{15} + 33 \cdot 37^{16} + 9 \cdot 37^{17} + 7 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 1, 2) = 5 \cdot 37^{12} + 5 \cdot 37^{13} + 2 \cdot 37^{14} + 12 \cdot 37^{16} + 27 \cdot 37^{17} + 34 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 4, 1, 1, 1, 1, 1) = 27 \cdot 37^{13} + 10 \cdot 37^{14} + 2 \cdot 37^{15} + 20 \cdot 37^{16} + 36 \cdot 37^{17} + 18 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 6) = 22 \cdot 37^{12} + 11 \cdot 37^{13} + 5 \cdot 37^{14} + 29 \cdot 37^{15} + 25 \cdot 37^{16} + 27 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 5, 1) = 3 \cdot 37^{13} + 37^{14} + 18 \cdot 37^{15} + 2 \cdot 37^{16} + 2 \cdot 37^{17} + 35 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 4, 2) = 31 \cdot 37^{12} + 32 \cdot 37^{13} + 2 \cdot 37^{14} + 18 \cdot 37^{15} + 36 \cdot 37^{16} + 10 \cdot 37^{17} + 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 4, 1, 1) = 36 \cdot 37^{12} + 33 \cdot 37^{13} + 11 \cdot 37^{14} + 12 \cdot 37^{15} + 10 \cdot 37^{17} + 18 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 3, 3) = 7 \cdot 37^{12} + 9 \cdot 37^{13} + 29 \cdot 37^{14} + 24 \cdot 37^{15} + 28 \cdot 37^{16} + 17 \cdot 37^{17} + 18 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 3, 2, 1) = 3 \cdot 37^{12} + 34 \cdot 37^{13} + 21 \cdot 37^{14} + 28 \cdot 37^{15} + 17 \cdot 37^{16} + 16 \cdot 37^{17} + 26 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 3, 1, 2) = 33 \cdot 37^{12} + 32 \cdot 37^{13} + 3 \cdot 37^{14} + 37^{15} + 16 \cdot 37^{16} + 4 \cdot 37^{17} + 13 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 3, 1, 1, 1) = 31 \cdot 37^{12} + 36 \cdot 37^{13} + 23 \cdot 37^{14} + 18 \cdot 37^{15} + 37^{16} + 13 \cdot 37^{17} + 22 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 4) = 34 \cdot 37^{12} + 24 \cdot 37^{13} + 24 \cdot 37^{14} + 27 \cdot 37^{16} + 7 \cdot 37^{17} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 3, 1) = 12 \cdot 37^{12} + 29 \cdot 37^{13} + 21 \cdot 37^{14} + 9 \cdot 37^{15} + 25 \cdot 37^{16} + 34 \cdot 37^{17} + 33 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 2, 2) = 2 \cdot 37^{12} + 16 \cdot 37^{13} + 28 \cdot 37^{14} + 32 \cdot 37^{16} + 24 \cdot 37^{17} + 28 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 2, 1, 1) = 24 \cdot 37^{12} + 35 \cdot 37^{13} + 5 \cdot 37^{14} + 3 \cdot 37^{15} + 25 \cdot 37^{16} + 18 \cdot 37^{17} + 12 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 3) = 30 \cdot 37^{13} + 4 \cdot 37^{14} + 21 \cdot 37^{15} + 16 \cdot 37^{16} + 4 \cdot 37^{17} + 4 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 2, 1) = 14 \cdot 37^{12} + 8 \cdot 37^{13} + 10 \cdot 37^{14} + 12 \cdot 37^{15} + 4 \cdot 37^{16} + 16 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 1, 2) = 17 \cdot 37^{12} + 26 \cdot 37^{13} + 11 \cdot 37^{14} + 27 \cdot 37^{15} + 8 \cdot 37^{16} + 21 \cdot 37^{17} + 13 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 2, 1, 1, 1, 1) = 31 \cdot 37^{13} + 34 \cdot 37^{14} + 16 \cdot 37^{15} + 26 \cdot 37^{16} + 23 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 5) = 30 \cdot 37^{12} + 37^{13} + 9 \cdot 37^{14} + 24 \cdot 37^{15} + 9 \cdot 37^{16} + 17 \cdot 37^{17} + 17 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 4, 1) = 24 \cdot 37^{12} + 22 \cdot 37^{13} + 18 \cdot 37^{14} + 16 \cdot 37^{15} + 35 \cdot 37^{16} + 27 \cdot 37^{17} + 35 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 3, 2) = 33 \cdot 37^{12} + 19 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 15 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 3, 1, 1) = 5 \cdot 37^{12} + 14 \cdot 37^{13} + 21 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 2 \cdot 37^{17} + 15 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 3) = 17 \cdot 37^{12} + 28 \cdot 37^{13} + 12 \cdot 37^{14} + 32 \cdot 37^{15} + 9 \cdot 37^{16} + 7 \cdot 37^{17} + 31 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 2, 1) = 32 \cdot 37^{12} + 11 \cdot 37^{13} + 19 \cdot 37^{14} + 37^{15} + 19 \cdot 37^{16} + 31 \cdot 37^{17} + 10 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 1, 2) = 36 \cdot 37^{12} + 28 \cdot 37^{13} + 12 \cdot 37^{14} + 21 \cdot 37^{15} + 6 \cdot 37^{16} + 18 \cdot 37^{17} + 32 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 2, 1, 1, 1) = 35 \cdot 37^{13} + 24 \cdot 37^{14} + 10 \cdot 37^{15} + 32 \cdot 37^{16} + 6 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 4) = 15 \cdot 37^{12} + 8 \cdot 37^{13} + 37^{14} + 16 \cdot 37^{15} + 19 \cdot 37^{16} + 5 \cdot 37^{17} + 32 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 3, 1) = 15 \cdot 37^{12} + 27 \cdot 37^{13} + 21 \cdot 37^{14} + 15 \cdot 37^{15} + 26 \cdot 37^{16} + 23 \cdot 37^{17} + 26 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 2, 2) = 7 \cdot 37^{12} + 17 \cdot 37^{13} + 10 \cdot 37^{14} + 21 \cdot 37^{15} + 10 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 2, 1, 1) = 9 \cdot 37^{13} + 29 \cdot 37^{14} + 15 \cdot 37^{15} + 5 \cdot 37^{16} + 14 \cdot 37^{17} + 7 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 3) = 19 \cdot 37^{12} + 21 \cdot 37^{13} + 7 \cdot 37^{14} + 14 \cdot 37^{15} + 2 \cdot 37^{16} + 7 \cdot 37^{17} + 26 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 2, 1) = 31 \cdot 37^{13} + 7 \cdot 37^{14} + 29 \cdot 37^{15} + 21 \cdot 37^{16} + 19 \cdot 37^{17} + 20 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 1, 2) = 33 \cdot 37^{12} + 29 \cdot 37^{14} + 31 \cdot 37^{15} + 33 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 3, 1, 1, 1, 1, 1, 1) = 16 \cdot 37^{13} + 37^{14} + 37^{15} + 22 \cdot 37^{16} + 22 \cdot 37^{17} + 23 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 7) = 31 \cdot 37^{12} + 30 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 10 \cdot 37^{16} + 33 \cdot 37^{17} + 18 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 6, 1) = 17 \cdot 37^{12} + 24 \cdot 37^{13} + 31 \cdot 37^{14} + 32 \cdot 37^{16} + 6 \cdot 37^{17} + 33 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 5, 2) = 37^{12} + 2 \cdot 37^{13} + 22 \cdot 37^{14} + 22 \cdot 37^{16} + 2 \cdot 37^{17} + 7 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 5, 1, 1) = 31 \cdot 37^{12} + 27 \cdot 37^{13} + 26 \cdot 37^{14} + 12 \cdot 37^{15} + 10 \cdot 37^{16} + 13 \cdot 37^{17} + 34 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 4, 3) = 33 \cdot 37^{12} + 19 \cdot 37^{13} + 7 \cdot 37^{14} + 8 \cdot 37^{15} + 30 \cdot 37^{16} + 34 \cdot 37^{17} + 31 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 4, 2, 1) = 32 \cdot 37^{12} + 15 \cdot 37^{13} + 24 \cdot 37^{14} + 19 \cdot 37^{15} + 37^{16} + 12 \cdot 37^{17} + 17 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 4, 1, 2) = 21 \cdot 37^{12} + 26 \cdot 37^{13} + 14 \cdot 37^{14} + 16 \cdot 37^{15} + 10 \cdot 37^{16} + 26 \cdot 37^{17} + 26 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 4, 1, 1, 1) = 23 \cdot 37^{12} + 14 \cdot 37^{13} + 18 \cdot 37^{14} + 19 \cdot 37^{15} + 35 \cdot 37^{16} + 30 \cdot 37^{17} + 22 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 4) = 24 \cdot 37^{12} + 15 \cdot 37^{13} + 30 \cdot 37^{14} + 34 \cdot 37^{15} + 3 \cdot 37^{16} + 31 \cdot 37^{17} + 32 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 3, 1) = 12 \cdot 37^{12} + 20 \cdot 37^{13} + 8 \cdot 37^{14} + 36 \cdot 37^{15} + 9 \cdot 37^{16} + 36 \cdot 37^{17} + 31 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 2, 2) = 26 \cdot 37^{12} + 30 \cdot 37^{13} + 8 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 37^{17} + 9 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 2, 1, 1) = 13 \cdot 37^{12} + 23 \cdot 37^{13} + 7 \cdot 37^{14} + 21 \cdot 37^{15} + 35 \cdot 37^{16} + 10 \cdot 37^{17} + 14 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 3) = 14 \cdot 37^{12} + 15 \cdot 37^{13} + 3 \cdot 37^{14} + 22 \cdot 37^{15} + 3 \cdot 37^{16} + 20 \cdot 37^{17} + 6 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 2, 1) = 30 \cdot 37^{12} + 6 \cdot 37^{13} + 34 \cdot 37^{14} + 20 \cdot 37^{15} + 10 \cdot 37^{16} + 4 \cdot 37^{17} + 2 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 1, 2) = 20 \cdot 37^{12} + 33 \cdot 37^{13} + 3 \cdot 37^{14} + 28 \cdot 37^{15} + 19 \cdot 37^{16} + 11 \cdot 37^{17} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 3, 1, 1, 1, 1) = 26 \cdot 37^{13} + 9 \cdot 37^{14} + 29 \cdot 37^{15} + 24 \cdot 37^{16} + 19 \cdot 37^{17} + 4 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 5) = 14 \cdot 37^{12} + 10 \cdot 37^{13} + 10 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 3 \cdot 37^{17} + 35 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 4, 1) = 4 \cdot 37^{12} + 9 \cdot 37^{13} + 26 \cdot 37^{14} + 36 \cdot 37^{15} + 25 \cdot 37^{16} + 35 \cdot 37^{17} + 6 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 3, 2) = 26 \cdot 37^{12} + 25 \cdot 37^{13} + 13 \cdot 37^{14} + 29 \cdot 37^{15} + 3 \cdot 37^{16} + 22 \cdot 37^{17} + 9 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 3, 1, 1) = 34 \cdot 37^{12} + 20 \cdot 37^{13} + 26 \cdot 37^{14} + 10 \cdot 37^{15} + 12 \cdot 37^{16} + 9 \cdot 37^{17} + 17 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 3) = 30 \cdot 37^{12} + 32 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 21 \cdot 37^{16} + 37^{17} + 17 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 2, 1) = 13 \cdot 37^{12} + 17 \cdot 37^{13} + 36 \cdot 37^{14} + 20 \cdot 37^{15} + 26 \cdot 37^{16} + 9 \cdot 37^{17} + 16 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 1, 2) = 22 \cdot 37^{12} + 23 \cdot 37^{13} + 32 \cdot 37^{14} + 36 \cdot 37^{15} + 2 \cdot 37^{16} + 12 \cdot 37^{17} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 2, 1, 1, 1) = 23 \cdot 37^{13} + 21 \cdot 37^{14} + 24 \cdot 37^{15} + 20 \cdot 37^{16} + 3 \cdot 37^{17} + 21 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 4) = 26 \cdot 37^{12} + 30 \cdot 37^{13} + 25 \cdot 37^{14} + 6 \cdot 37^{15} + 6 \cdot 37^{16} + 12 \cdot 37^{17} + 12 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 3, 1) = 20 \cdot 37^{12} + 5 \cdot 37^{13} + 30 \cdot 37^{14} + 3 \cdot 37^{15} + 22 \cdot 37^{16} + 31 \cdot 37^{17} + 3 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 2, 2) = 33 \cdot 37^{12} + 35 \cdot 37^{13} + 12 \cdot 37^{14} + 7 \cdot 37^{15} + 18 \cdot 37^{16} + 16 \cdot 37^{17} + 22 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 2, 1, 1) = 28 \cdot 37^{13} + 37^{14} + 21 \cdot 37^{15} + 21 \cdot 37^{16} + 31 \cdot 37^{17} + 4 \cdot 37^{18} + 32 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 3) = 24 \cdot 37^{12} + 37^{13} + 21 \cdot 37^{14} + 12 \cdot 37^{15} + 13 \cdot 37^{16} + 22 \cdot 37^{17} + 36 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 2, 1) = 3 \cdot 37^{12} + 11 \cdot 37^{13} + 35 \cdot 37^{14} + 26 \cdot 37^{15} + 24 \cdot 37^{16} + 3 \cdot 37^{17} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 1, 2) = 29 \cdot 37^{13} + 28 \cdot 37^{14} + 3 \cdot 37^{15} + 13 \cdot 37^{17} + 6 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 2, 1, 1, 1, 1, 1) = 15 \cdot 37^{13} + 28 \cdot 37^{14} + 30 \cdot 37^{15} + 15 \cdot 37^{16} + 12 \cdot 37^{17} + 6 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 6) = 30 \cdot 37^{12} + 12 \cdot 37^{13} + 12 \cdot 37^{14} + 28 \cdot 37^{15} + 32 \cdot 37^{16} + 6 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 5, 1) = 13 \cdot 37^{12} + 4 \cdot 37^{13} + 23 \cdot 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 13 \cdot 37^{17} + 27 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 4, 2) = 2 \cdot 37^{12} + 9 \cdot 37^{13} + 33 \cdot 37^{15} + 34 \cdot 37^{16} + 17 \cdot 37^{17} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 4, 1, 1) = 32 \cdot 37^{12} + 27 \cdot 37^{13} + 30 \cdot 37^{14} + 3 \cdot 37^{15} + 35 \cdot 37^{16} + 31 \cdot 37^{17} + 34 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20})
\end{aligned}$$



$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 3) = 8 \cdot 37^{12} + 22 \cdot 37^{13} + 26 \cdot 37^{14} + 33 \cdot 37^{15} + 22 \cdot 37^{16} + 30 \cdot 37^{17} + 30 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 2, 1) = 22 \cdot 37^{12} + 25 \cdot 37^{13} + 21 \cdot 37^{14} + 17 \cdot 37^{15} + 27 \cdot 37^{16} + 31 \cdot 37^{17} + 35 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 1, 2) = 7 \cdot 37^{12} + 2 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 8 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 3, 1, 1) = 12 \cdot 37^{13} + 19 \cdot 37^{14} + 11 \cdot 37^{15} + 19 \cdot 37^{16} + 19 \cdot 37^{17} + 23 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 4) = 34 \cdot 37^{12} + 27 \cdot 37^{13} + 11 \cdot 37^{14} + 21 \cdot 37^{15} + 29 \cdot 37^{16} + 36 \cdot 37^{17} + 2 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 3, 1) = 18 \cdot 37^{12} + 7 \cdot 37^{13} + 9 \cdot 37^{14} + 11 \cdot 37^{15} + 6 \cdot 37^{16} + 6 \cdot 37^{17} + 26 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 2, 2) = 22 \cdot 37^{12} + 8 \cdot 37^{14} + 24 \cdot 37^{15} + 20 \cdot 37^{16} + 23 \cdot 37^{17} + 11 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 2, 1) = 13 \cdot 37^{13} + 25 \cdot 37^{14} + 8 \cdot 37^{15} + 21 \cdot 37^{16} + 7 \cdot 37^{17} + 25 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 3) = 13 \cdot 37^{12} + 13 \cdot 37^{13} + 20 \cdot 37^{14} + 22 \cdot 37^{15} + 30 \cdot 37^{16} + 13 \cdot 37^{17} + 2 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 2) = 33 \cdot 37^{12} + 37^{13} + 25 \cdot 37^{14} + 22 \cdot 37^{15} + 10 \cdot 37^{16} + 25 \cdot 37^{17} + 14 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 1, 2) = 2 \cdot 37^{12} + 11 \cdot 37^{13} + 37^{14} + 24 \cdot 37^{15} + 14 \cdot 37^{16} + 11 \cdot 37^{17} + 30 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 2, 1, 1, 1) = 17 \cdot 37^{13} + 29 \cdot 37^{14} + 27 \cdot 37^{15} + 22 \cdot 37^{16} + 30 \cdot 37^{17} + 19 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 5) = 6 \cdot 37^{12} + 21 \cdot 37^{13} + 7 \cdot 37^{14} + 23 \cdot 37^{15} + 2 \cdot 37^{16} + 15 \cdot 37^{17} + 8 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 4) = 23 \cdot 37^{12} + 10 \cdot 37^{13} + 36 \cdot 37^{14} + 15 \cdot 37^{15} + 29 \cdot 37^{16} + 28 \cdot 37^{17} + 17 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 3, 2) = 3 \cdot 37^{12} + 16 \cdot 37^{13} + 32 \cdot 37^{14} + 36 \cdot 37^{15} + 26 \cdot 37^{16} + 8 \cdot 37^{17} + 27 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 3, 1) = 19 \cdot 37^{13} + 26 \cdot 37^{14} + 34 \cdot 37^{15} + 34 \cdot 37^{16} + 9 \cdot 37^{17} + 16 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 3) = 2 \cdot 37^{12} + 13 \cdot 37^{13} + 21 \cdot 37^{14} + 29 \cdot 37^{15} + 10 \cdot 37^{16} + 3 \cdot 37^{17} + 7 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 2) = 31 \cdot 37^{12} + 15 \cdot 37^{13} + 10 \cdot 37^{14} + 4 \cdot 37^{15} + 7 \cdot 37^{16} + 27 \cdot 37^{17} + 33 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 1, 2) = 25 \cdot 37^{12} + 6 \cdot 37^{13} + 36 \cdot 37^{14} + 17 \cdot 37^{15} + 15 \cdot 37^{16} + 26 \cdot 37^{17} + 26 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 2, 1, 1) = 16 \cdot 37^{13} + 6 \cdot 37^{14} + 24 \cdot 37^{15} + 28 \cdot 37^{16} + 18 \cdot 37^{17} + 10 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 4) = 22 \cdot 37^{12} + 18 \cdot 37^{13} + 18 \cdot 37^{14} + 10 \cdot 37^{15} + 22 \cdot 37^{16} + 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 3) = 15 \cdot 37^{12} + 36 \cdot 37^{13} + 7 \cdot 37^{14} + 20 \cdot 37^{15} + 27 \cdot 37^{16} + 2 \cdot 37^{17} + 35 \cdot 37^{18} + 6 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 2, 2) = 34 \cdot 37^{12} + 5 \cdot 37^{13} + 9 \cdot 37^{14} + 12 \cdot 37^{15} + 14 \cdot 37^{16} + 20 \cdot 37^{17} + 27 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 2, 1) = 17 \cdot 37^{13} + 29 \cdot 37^{14} + 27 \cdot 37^{15} + 22 \cdot 37^{16} + 30 \cdot 37^{17} + 19 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 3) = 18 \cdot 37^{12} + 14 \cdot 37^{13} + 26 \cdot 37^{14} + 10 \cdot 37^{15} + 4 \cdot 37^{16} + 6 \cdot 37^{17} + 12 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 2) = 26 \cdot 37^{12} + 21 \cdot 37^{13} + 20 \cdot 37^{14} + 32 \cdot 37^{15} + 15 \cdot 37^{16} + 37^{17} + 36 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 1, 2) = 8 \cdot 37^{12} + 27 \cdot 37^{13} + 2 \cdot 37^{14} + 13 \cdot 37^{15} + 34 \cdot 37^{16} + 5 \cdot 37^{17} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 8) = 31 \cdot 37^{12} + 3 \cdot 37^{13} + 22 \cdot 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 12 \cdot 37^{17} + 2 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 7, 1) = 2 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 20 \cdot 37^{15} + 27 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 6, 2) = 6 \cdot 37^{12} + 15 \cdot 37^{13} + 24 \cdot 37^{14} + 3 \cdot 37^{15} + 24 \cdot 37^{16} + 4 \cdot 37^{17} + 31 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 6, 1, 1) = 35 \cdot 37^{12} + 25 \cdot 37^{13} + 14 \cdot 37^{14} + 18 \cdot 37^{15} + 24 \cdot 37^{16} + 4 \cdot 37^{17} + 33 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 5, 3) = 19 \cdot 37^{12} + 6 \cdot 37^{13} + 20 \cdot 37^{14} + 35 \cdot 37^{15} + 32 \cdot 37^{16} + 35 \cdot 37^{17} + 28 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 5, 2, 1) = 25 \cdot 37^{12} + 6 \cdot 37^{13} + 6 \cdot 37^{14} + 27 \cdot 37^{15} + 31 \cdot 37^{16} + 16 \cdot 37^{17} + 12 \cdot 37^{18} + 23 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 5, 1, 2) = 12 \cdot 37^{12} + 25 \cdot 37^{13} + 37^{14} + 8 \cdot 37^{15} + 24 \cdot 37^{16} + 12 \cdot 37^{17} + 4 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 5, 1, 1, 1) = 13 \cdot 37^{12} + 31 \cdot 37^{13} + 26 \cdot 37^{14} + 32 \cdot 37^{15} + 13 \cdot 37^{16} + 25 \cdot 37^{17} + 28 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 4) = 4 \cdot 37^{12} + 9 \cdot 37^{14} + 24 \cdot 37^{15} + 16 \cdot 37^{16} + 17 \cdot 37^{17} + 33 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 3, 1) = 36 \cdot 37^{12} + 29 \cdot 37^{13} + 30 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 10 \cdot 37^{17} + 13 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 2, 2) = 17 \cdot 37^{12} + 17 \cdot 37^{13} + 24 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 11 \cdot 37^{17} + 4 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 2, 1, 1) = 33 \cdot 37^{13} + 29 \cdot 37^{15} + 15 \cdot 37^{16} + 18 \cdot 37^{17} + 5 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 3) = 25 \cdot 37^{12} + 13 \cdot 37^{13} + 7 \cdot 37^{14} + 9 \cdot 37^{15} + 11 \cdot 37^{16} + 33 \cdot 37^{17} + 5 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 2, 1) = 18 \cdot 37^{12} + 9 \cdot 37^{13} + 16 \cdot 37^{14} + 3 \cdot 37^{15} + 3 \cdot 37^{16} + 23 \cdot 37^{17} + 27 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 1, 2) = 13 \cdot 37^{12} + 26 \cdot 37^{13} + 19 \cdot 37^{14} + 33 \cdot 37^{15} + 14 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 4, 1, 1, 1, 1) = 6 \cdot 37^{13} + 32 \cdot 37^{14} + 32 \cdot 37^{15} + 28 \cdot 37^{16} + 28 \cdot 37^{17} + 36 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 5) = 30 \cdot 37^{12} + 12 \cdot 37^{13} + 12 \cdot 37^{14} + 28 \cdot 37^{15} + 32 \cdot 37^{16} + 6 \cdot 37^{17} + 34 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 4, 1) = 24 \cdot 37^{12} + 14 \cdot 37^{13} + 3 \cdot 37^{14} + 3 \cdot 37^{15} + 31 \cdot 37^{16} + 11 \cdot 37^{17} + 9 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 3, 2) = 34 \cdot 37^{12} + 22 \cdot 37^{13} + 21 \cdot 37^{14} + 21 \cdot 37^{15} + 28 \cdot 37^{16} + 27 \cdot 37^{17} + 19 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 3, 1, 1) = 27 \cdot 37^{12} + 12 \cdot 37^{13} + 22 \cdot 37^{14} + 23 \cdot 37^{15} + 13 \cdot 37^{16} + 19 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 3) = 14 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 13 \cdot 37^{15} + 25 \cdot 37^{16} + 12 \cdot 37^{17} + 14 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 2, 1) = 36 \cdot 37^{12} + 25 \cdot 37^{13} + 26 \cdot 37^{15} + 19 \cdot 37^{16} + 8 \cdot 37^{17} + 13 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 1, 2) = 20 \cdot 37^{12} + 10 \cdot 37^{13} + 16 \cdot 37^{14} + 24 \cdot 37^{15} + 27 \cdot 37^{16} + 18 \cdot 37^{17} + 6 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 2, 1, 1, 1) = 37^{13} + 17 \cdot 37^{14} + 36 \cdot 37^{15} + 20 \cdot 37^{16} + 9 \cdot 37^{17} + 20 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 4) = 8 \cdot 37^{12} + 4 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 4 \cdot 37^{16} + 23 \cdot 37^{17} + 35 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 3, 1) = 23 \cdot 37^{12} + 33 \cdot 37^{13} + 12 \cdot 37^{14} + 12 \cdot 37^{15} + 5 \cdot 37^{16} + 9 \cdot 37^{17} + 34 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 2, 2) = 35 \cdot 37^{12} + 12 \cdot 37^{13} + 4 \cdot 37^{14} + 36 \cdot 37^{15} + 27 \cdot 37^{16} + 11 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 2, 1, 1) = 5 \cdot 37^{13} + 4 \cdot 37^{14} + 2 \cdot 37^{15} + 10 \cdot 37^{16} + 14 \cdot 37^{17} + 35 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 3) = 20 \cdot 37^{12} + 10 \cdot 37^{13} + 20 \cdot 37^{14} + 30 \cdot 37^{15} + 2 \cdot 37^{16} + 23 \cdot 37^{17} + 13 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 2, 1) = 29 \cdot 37^{12} + 13 \cdot 37^{13} + 19 \cdot 37^{14} + 31 \cdot 37^{15} + 19 \cdot 37^{16} + 7 \cdot 37^{17} + 10 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 1, 2) = 4 \cdot 37^{12} + 24 \cdot 37^{13} + 6 \cdot 37^{15} + 6 \cdot 37^{16} + 10 \cdot 37^{17} + 25 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 3, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 6) = 22 \cdot 37^{12} + 2 \cdot 37^{13} + 19 \cdot 37^{14} + 10 \cdot 37^{16} + 33 \cdot 37^{17} + 24 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 5, 1) = 32 \cdot 37^{12} + 29 \cdot 37^{13} + 34 \cdot 37^{14} + 8 \cdot 37^{15} + 26 \cdot 37^{16} + 16 \cdot 37^{17} + 8 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 4, 2) = 11 \cdot 37^{12} + 8 \cdot 37^{13} + 14 \cdot 37^{14} + 34 \cdot 37^{15} + 10 \cdot 37^{16} + 34 \cdot 37^{17} + 18 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 4, 1, 1) = 37^{12} + 23 \cdot 37^{13} + 21 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 23 \cdot 37^{17} + 32 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 3) = 22 \cdot 37^{12} + 12 \cdot 37^{13} + 18 \cdot 37^{14} + 34 \cdot 37^{15} + 27 \cdot 37^{16} + 8 \cdot 37^{17} + 25 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 2, 1) = 37^{12} + 26 \cdot 37^{13} + 11 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 23 \cdot 37^{17} + 27 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 1, 2) = 34 \cdot 37^{12} + 32 \cdot 37^{13} + 27 \cdot 37^{14} + 26 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 10 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 3, 1, 1, 1) = 29 \cdot 37^{13} + 9 \cdot 37^{14} + 26 \cdot 37^{15} + 12 \cdot 37^{16} + 5 \cdot 37^{17} + 27 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 4) = 37^{12} + 33 \cdot 37^{14} + 34 \cdot 37^{15} + 4 \cdot 37^{16} + 35 \cdot 37^{17} + 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 3, 1) = 13 \cdot 37^{12} + 27 \cdot 37^{13} + 10 \cdot 37^{14} + 8 \cdot 37^{16} + 16 \cdot 37^{17} + 7 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 2, 2) = 11 \cdot 37^{12} + 24 \cdot 37^{13} + 15 \cdot 37^{14} + 5 \cdot 37^{15} + 29 \cdot 37^{17} + 34 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 2, 1, 1) = 29 \cdot 37^{13} + 5 \cdot 37^{14} + 25 \cdot 37^{15} + 29 \cdot 37^{16} + 11 \cdot 37^{17} + 12 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 3) = 29 \cdot 37^{12} + 29 \cdot 37^{13} + 29 \cdot 37^{14} + 10 \cdot 37^{15} + 37^{16} + 37^{17} + 31 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 2, 1) = 22 \cdot 37^{12} + 3 \cdot 37^{13} + 5 \cdot 37^{14} + 18 \cdot 37^{15} + 31 \cdot 37^{16} + 26 \cdot 37^{17} + 21 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 1, 2) = 6 \cdot 37^{12} + 7 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 21 \cdot 37^{17} + 34 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 2, 1, 1, 1, 1) = 30 \cdot 37^{13} + 33 \cdot 37^{14} + 9 \cdot 37^{15} + 34 \cdot 37^{16} + 4 \cdot 37^{17} + 30 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 5) = 22 \cdot 37^{12} + 11 \cdot 37^{13} + 5 \cdot 37^{14} + 29 \cdot 37^{15} + 25 \cdot 37^{16} + 27 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 4, 1) = 32 \cdot 37^{12} + 12 \cdot 37^{13} + 26 \cdot 37^{14} + 12 \cdot 37^{15} + 13 \cdot 37^{16} + 36 \cdot 37^{17} + 36 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 3, 2) = 31 \cdot 37^{12} + 36 \cdot 37^{13} + 32 \cdot 37^{14} + 9 \cdot 37^{15} + 36 \cdot 37^{16} + 36 \cdot 37^{17} + 14 \cdot 37^{18} + 34 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 3, 1, 1) = 37^{13} + 34 \cdot 37^{14} + 14 \cdot 37^{15} + 22 \cdot 37^{16} + 32 \cdot 37^{17} + 22 \cdot 37^{18} + 25 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 3) = 30 \cdot 37^{12} + 14 \cdot 37^{13} + 27 \cdot 37^{14} + 32 \cdot 37^{15} + 12 \cdot 37^{16} + 37^{17} + 2 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 2, 1) = 20 \cdot 37^{12} + 21 \cdot 37^{13} + 10 \cdot 37^{14} + 29 \cdot 37^{15} + 34 \cdot 37^{16} + 14 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 1, 2) = 29 \cdot 37^{12} + 3 \cdot 37^{13} + 2 \cdot 37^{14} + 22 \cdot 37^{15} + 31 \cdot 37^{16} + 37^{17} + 22 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 2, 1, 1, 1) = 36 \cdot 37^{13} + 16 \cdot 37^{14} + 22 \cdot 37^{15} + 37^{16} + 16 \cdot 37^{17} + 7 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 4) = 36 \cdot 37^{12} + 28 \cdot 37^{13} + 33 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 20 \cdot 37^{17} + 8 \cdot 37^{18} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 3, 1) = 4 \cdot 37^{12} + 34 \cdot 37^{13} + 17 \cdot 37^{14} + 13 \cdot 37^{15} + 14 \cdot 37^{16} + 25 \cdot 37^{17} + 32 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 2, 2) = 37^{12} + 19 \cdot 37^{13} + 20 \cdot 37^{14} + 26 \cdot 37^{15} + 32 \cdot 37^{16} + 26 \cdot 37^{17} + 19 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 2, 1, 1) = 36 \cdot 37^{13} + 16 \cdot 37^{14} + 22 \cdot 37^{15} + 37^{16} + 16 \cdot 37^{17} + 7 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 3) = 24 \cdot 37^{12} + 6 \cdot 37^{13} + 7 \cdot 37^{14} + 27 \cdot 37^{15} + 31 \cdot 37^{16} + 18 \cdot 37^{17} + 34 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 2, 1) = 11 \cdot 37^{12} + 23 \cdot 37^{13} + 4 \cdot 37^{14} + 8 \cdot 37^{15} + 34 \cdot 37^{16} + 15 \cdot 37^{17} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 1, 2) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 7) = 17 \cdot 37^{12} + 17 \cdot 37^{13} + 9 \cdot 37^{14} + 18 \cdot 37^{15} + 31 \cdot 37^{16} + 10 \cdot 37^{17} + 24 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 6, 1) = 12 \cdot 37^{12} + 33 \cdot 37^{13} + 31 \cdot 37^{14} + 24 \cdot 37^{15} + 17 \cdot 37^{16} + 37^{17} + 31 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 5, 2) = 7 \cdot 37^{13} + 19 \cdot 37^{14} + 10 \cdot 37^{15} + 11 \cdot 37^{16} + 5 \cdot 37^{17} + 20 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 5, 1, 1) = 32 \cdot 37^{12} + 9 \cdot 37^{13} + 22 \cdot 37^{14} + 17 \cdot 37^{15} + 26 \cdot 37^{16} + 35 \cdot 37^{17} + 6 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 3) = 20 \cdot 37^{12} + 21 \cdot 37^{13} + 30 \cdot 37^{14} + 28 \cdot 37^{15} + 3 \cdot 37^{16} + 7 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 2, 1) = 31 \cdot 37^{12} + 37^{13} + 23 \cdot 37^{14} + 11 \cdot 37^{16} + 36 \cdot 37^{17} + 12 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 1, 2) = 15 \cdot 37^{13} + 29 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 3 \cdot 37^{17} + 6 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 4, 1, 1, 1) = 28 \cdot 37^{13} + 35 \cdot 37^{14} + 16 \cdot 37^{15} + 24 \cdot 37^{16} + 27 \cdot 37^{17} + 10 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 4) = 16 \cdot 37^{12} + 28 \cdot 37^{13} + 28 \cdot 37^{14} + 29 \cdot 37^{15} + 32 \cdot 37^{16} + 20 \cdot 37^{17} + 17 \cdot 37^{18} + 11 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 3, 1) = 6 \cdot 37^{12} + 31 \cdot 37^{13} + 4 \cdot 37^{14} + 2 \cdot 37^{15} + 26 \cdot 37^{16} + 29 \cdot 37^{17} + 15 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 2, 2) = 17 \cdot 37^{12} + 8 \cdot 37^{13} + 21 \cdot 37^{14} + 11 \cdot 37^{15} + 21 \cdot 37^{16} + 36 \cdot 37^{17} + 16 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 2, 1, 1) = 30 \cdot 37^{13} + 13 \cdot 37^{14} + 32 \cdot 37^{15} + 5 \cdot 37^{16} + 13 \cdot 37^{17} + 25 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 3) = 31 \cdot 37^{12} + 12 \cdot 37^{13} + 31 \cdot 37^{14} + 11 \cdot 37^{15} + 11 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{18} + 17 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 2, 1) = 25 \cdot 37^{12} + 21 \cdot 37^{13} + 6 \cdot 37^{14} + 5 \cdot 37^{15} + 6 \cdot 37^{16} + 30 \cdot 37^{17} + 28 \cdot 37^{18} + 26 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 1, 2) = 10 \cdot 37^{12} + 11 \cdot 37^{13} + 11 \cdot 37^{14} + 7 \cdot 37^{15} + 9 \cdot 37^{16} + 19 \cdot 37^{17} + 6 \cdot 37^{18} + 36 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 3, 1, 1, 1, 1) = 32 \cdot 37^{13} + 12 \cdot 37^{14} + 35 \cdot 37^{15} + 18 \cdot 37^{16} + 11 \cdot 37^{17} + 7 \cdot 37^{18} + 14 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 5) = 31 \cdot 37^{12} + 30 \cdot 37^{13} + 30 \cdot 37^{14} + 20 \cdot 37^{15} + 10 \cdot 37^{16} + 33 \cdot 37^{17} + 18 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 4, 1) = 36 \cdot 37^{12} + 9 \cdot 37^{13} + 17 \cdot 37^{14} + 4 \cdot 37^{15} + 5 \cdot 37^{16} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 3, 2) = 37^{12} + 30 \cdot 37^{13} + 36 \cdot 37^{14} + 14 \cdot 37^{15} + 28 \cdot 37^{16} + 2 \cdot 37^{17} + 18 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 3, 1, 1) = 5 \cdot 37^{13} + 32 \cdot 37^{14} + 20 \cdot 37^{15} + 30 \cdot 37^{16} + 33 \cdot 37^{17} + 19 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 3) = 37^{12} + 32 \cdot 37^{13} + 25 \cdot 37^{14} + 27 \cdot 37^{15} + 24 \cdot 37^{16} + 28 \cdot 37^{17} + 12 \cdot 37^{18} + 28 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 2, 1) = 23 \cdot 37^{12} + 6 \cdot 37^{13} + 5 \cdot 37^{14} + 25 \cdot 37^{15} + 29 \cdot 37^{16} + 6 \cdot 37^{17} + 3 \cdot 37^{18} + 18 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 1, 2) = 33 \cdot 37^{12} + 6 \cdot 37^{13} + 27 \cdot 37^{15} + 21 \cdot 37^{16} + 33 \cdot 37^{17} + 14 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 2, 1, 1, 1) = 5 \cdot 37^{13} + 21 \cdot 37^{14} + 10 \cdot 37^{15} + 37^{16} + 16 \cdot 37^{17} + 14 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 4) = 22 \cdot 37^{12} + 5 \cdot 37^{13} + 24 \cdot 37^{14} + 26 \cdot 37^{15} + 23 \cdot 37^{16} + 20 \cdot 37^{17} + 17 \cdot 37^{18} + 30 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 3, 1) = 7 \cdot 37^{12} + 22 \cdot 37^{13} + 2 \cdot 37^{14} + 8 \cdot 37^{15} + 4 \cdot 37^{16} + 17 \cdot 37^{17} + 26 \cdot 37^{18} + 27 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 2, 2) = 5 \cdot 37^{12} + 4 \cdot 37^{13} + 18 \cdot 37^{14} + 11 \cdot 37^{15} + 4 \cdot 37^{16} + 8 \cdot 37^{17} + 33 \cdot 37^{18} + 19 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 2, 1, 1) = 37^{13} + 20 \cdot 37^{14} + 14 \cdot 37^{15} + 35 \cdot 37^{16} + 20 \cdot 37^{17} + 29 \cdot 37^{18} + 22 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 3) = 14 \cdot 37^{12} + 11 \cdot 37^{13} + 7 \cdot 37^{14} + 12 \cdot 37^{15} + 20 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 2, 1) = 5 \cdot 37^{12} + 34 \cdot 37^{13} + 15 \cdot 37^{14} + 36 \cdot 37^{15} + 25 \cdot 37^{16} + 8 \cdot 37^{17} + 34 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 1, 2) = 29 \cdot 37^{12} + 20 \cdot 37^{13} + 11 \cdot 37^{14} + 23 \cdot 37^{15} + 6 \cdot 37^{16} + 28 \cdot 37^{17} + 30 \cdot 37^{18} + 8 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 6) = 31 \cdot 37^{12} + 3 \cdot 37^{13} + 22 \cdot 37^{14} + 20 \cdot 37^{15} + 15 \cdot 37^{16} + 12 \cdot 37^{17} + 2 \cdot 37^{18} + 24 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 5, 1) = 28 \cdot 37^{12} + 22 \cdot 37^{13} + 13 \cdot 37^{14} + 20 \cdot 37^{15} + 7 \cdot 37^{16} + 6 \cdot 37^{17} + 34 \cdot 37^{18} + 15 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 4, 2) = 30 \cdot 37^{12} + 5 \cdot 37^{13} + 37^{14} + 7 \cdot 37^{15} + 28 \cdot 37^{16} + 35 \cdot 37^{17} + 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 4, 1, 1) = 20 \cdot 37^{13} + 4 \cdot 37^{14} + 22 \cdot 37^{15} + 26 \cdot 37^{16} + 23 \cdot 37^{17} + 20 \cdot 37^{18} + 10 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 3) = 30 \cdot 37^{12} + 17 \cdot 37^{13} + 36 \cdot 37^{14} + 32 \cdot 37^{15} + 12 \cdot 37^{16} + 4 \cdot 37^{17} + 6 \cdot 37^{18} + 35 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 2, 1) = 16 \cdot 37^{12} + 5 \cdot 37^{13} + 25 \cdot 37^{14} + 22 \cdot 37^{15} + 34 \cdot 37^{16} + 28 \cdot 37^{17} + 15 \cdot 37^{18} + 21 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 1, 2) = 35 \cdot 37^{12} + 6 \cdot 37^{13} + 31 \cdot 37^{14} + 2 \cdot 37^{15} + 29 \cdot 37^{16} + 3 \cdot 37^{17} + 12 \cdot 37^{18} + 13 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 3, 1, 1, 1) = 18 \cdot 37^{13} + 5 \cdot 37^{14} + 31 \cdot 37^{15} + 4 \cdot 37^{16} + 28 \cdot 37^{17} + 30 \cdot 37^{18} + 3 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 4) = 20 \cdot 37^{12} + 14 \cdot 37^{13} + 13 \cdot 37^{14} + 17 \cdot 37^{15} + 32 \cdot 37^{16} + 4 \cdot 37^{17} + 36 \cdot 37^{18} + 20 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 3, 1) = 23 \cdot 37^{13} + 31 \cdot 37^{14} + 19 \cdot 37^{15} + 17 \cdot 37^{16} + 21 \cdot 37^{17} + 28 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 2, 2) = 7 \cdot 37^{12} + 37^{13} + 31 \cdot 37^{14} + 11 \cdot 37^{15} + 25 \cdot 37^{16} + 34 \cdot 37^{17} + 6 \cdot 37^{18} + 4 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 2, 1, 1) = 24 \cdot 37^{13} + 11 \cdot 37^{14} + 28 \cdot 37^{15} + 15 \cdot 37^{16} + 29 \cdot 37^{17} + 11 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20})
\end{aligned}$$

$$\begin{aligned}
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1, 3) = 24 \cdot 37^{12} + 33 \cdot 37^{13} + 30 \cdot 37^{14} + 7 \cdot 37^{15} + 11 \cdot 37^{16} + 29 \cdot 37^{17} + 36 \cdot 37^{18} + 5 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1, 2, 1) = 19 \cdot 37^{12} + 11 \cdot 37^{13} + 3 \cdot 37^{14} + 33 \cdot 37^{15} + 36 \cdot 37^{16} + 21 \cdot 37^{17} + 8 \cdot 37^{18} + 33 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1, 1, 2) = 25 \cdot 37^{12} + 9 \cdot 37^{13} + 12 \cdot 37^{14} + 34 \cdot 37^{15} + 18 \cdot 37^{16} + 35 \cdot 37^{17} + 3 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 5) = 5 \cdot 37^{12} + 20 \cdot 37^{13} + 33 \cdot 37^{14} + 31 \cdot 37^{15} + 26 \cdot 37^{16} + 16 \cdot 37^{17} + 36 \cdot 37^{18} + 29 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 4, 1) = 35 \cdot 37^{12} + 9 \cdot 37^{13} + 10 \cdot 37^{14} + 12 \cdot 37^{15} + 5 \cdot 37^{16} + 20 \cdot 37^{17} + 35 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 3, 2) = 30 \cdot 37^{12} + 29 \cdot 37^{13} + 26 \cdot 37^{14} + 22 \cdot 37^{15} + 17 \cdot 37^{16} + 23 \cdot 37^{17} + 12 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 3, 1, 1) = 18 \cdot 37^{13} + 33 \cdot 37^{14} + 7 \cdot 37^{15} + 33 \cdot 37^{16} + 8 \cdot 37^{17} + 33 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2, 3) = 7 \cdot 37^{12} + 30 \cdot 37^{13} + 16 \cdot 37^{14} + 26 \cdot 37^{15} + 5 \cdot 37^{16} + 4 \cdot 37^{17} + 14 \cdot 37^{18} + 2 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2, 2, 1) = 23 \cdot 37^{12} + 9 \cdot 37^{13} + 33 \cdot 37^{14} + 30 \cdot 37^{15} + 23 \cdot 37^{16} + 5 \cdot 37^{17} + 4 \cdot 37^{18} + 12 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2, 1, 2) = 16 \cdot 37^{12} + 13 \cdot 37^{13} + 27 \cdot 37^{14} + 10 \cdot 37^{15} + 25 \cdot 37^{16} + 11 \cdot 37^{17} + 11 \cdot 37^{18} + 7 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 4) = 29 \cdot 37^{12} + 12 \cdot 37^{13} + 6 \cdot 37^{14} + 30 \cdot 37^{15} + 33 \cdot 37^{16} + 2 \cdot 37^{17} + 30 \cdot 37^{18} + 9 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 3, 1) = 18 \cdot 37^{12} + 15 \cdot 37^{13} + 9 \cdot 37^{14} + 11 \cdot 37^{15} + 2 \cdot 37^{16} + 22 \cdot 37^{17} + 8 \cdot 37^{18} + 16 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 2, 2) = 35 \cdot 37^{12} + 32 \cdot 37^{13} + 14 \cdot 37^{14} + 2 \cdot 37^{15} + 4 \cdot 37^{16} + 9 \cdot 37^{17} + 5 \cdot 37^{18} + 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1, 3) = 28 \cdot 37^{12} + 24 \cdot 37^{13} + 8 \cdot 37^{14} + 28 \cdot 37^{15} + 6 \cdot 37^{16} + 30 \cdot 37^{17} + 20 \cdot 37^{18} + 31 \cdot 37^{19} + O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2) = O(37^{20}) \\
\zeta_{37}([1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]) &= \zeta_{37}(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1) = O(37^{20})
\end{aligned}$$